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D'ÉTUDES CLASSIQUES, AND WITH THE ASSISTANCE, ON THE RECOMMENDATION OF THE CONSEIL INTERNATIONAL DE LA PHILOSOPHIE

ET DES SCIENCES HUMATNES, OF A SUBVENTION FROM U.N.E.S.C.O.

## THE

# OXYRHYNCHUS PAPYRI 

## PART XXXI

edited with translations and notes
BY
J. W. B. BARNS, M.A., D.Phil.
ueen's professor of egyptology in the university of oxford
PETER PARSONS, M.A
lecturer in papyrology in the university of oxford
JOHN REA, M.A., Ph.D.
lecturer in documentary papyrology in the university of oxford
ERIC G. TURNER, M.A., F.B.A professor of papyrology in the universtyy of london

LONDON
EGYPT EXPLORATION SOCIETY 2 hinde street, manchester square, london, w.i

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## PREFACE

This part contains a considerable number of documents in addition to theological and literary texts (not devoted to any particular author or genre of literature). The editing is the work of several persons. Dr. Barns is responsible for 2532-4, 2539 (identified and worked on by M. L. and S. West), 2543-4, 2547-9, 2552, 2561-2, 2564, 2570, 2597-8, 2604-10, and 2612-6; Mr. Parsons has taken for his share 2555, 2557, 2558-9, 2563, 2567-8, 2572-7, 2580, 2582-3, 2585-6, 2588-95, and 2601-2; Dr. John Rea has worked on 2531, 2537-8, 2540-2, 2546, 2550, 2554, 2560, 2565-6, 2569, 2571, 2578-9, 2581, 2584, 2587, 2596, 2599, 2600, 2611; Turner takes responsibility for 2535, 2536, 2545, 2551, 2553, 2556, and 2603. The detailed responsibility is also set out in tabulated form (by initials of authors) in the Table of Papyri, p. ix. Some of the texts included are reprints, e.g. 2551 was given its first edition by P. Sattler, 2603 by J. Harrop. The transcript and almost all the restorations in 2535 are the work of Mr. E. Lobel, who has made a number of excellent suggestions on other texts. Some of the papyri for whose final form Dr. Barns takes responsibility were first worked on and identified by Messrs. A. Schachter and R. A. Coles; Dr. Barns would also like to express his obligations to Professor H. Lloyd-Jones. The four principal editors have also freely consulted each other.

The general editors would like once again to thank UNESCO for a subvention of five hundred dollars, and the Oxford University Press for their care in the printing.

$$
\begin{aligned}
& \text { E. G. TURNER } \\
& \text { T. C. SKEAT }
\end{aligned}
$$

July 1964

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## NOTE ON THE METHOD OF PUBLICATION AND ABBREVIATIONS

The method of publication follows that adopted in Part XXVII. As there, the dots indicating letters unread and, within square brackets, the estimated number of lost letters are printed slightly below the line. In the new literary texts, corrections and annotations which appear to be in a different hand from that of the original scribe are printed in thick type. Non-literary texts are printed in modern form, with accents and punctuation, the lectional signs occurring in the papyri being noted in the apparatus criticus, where also faults of orthography, \&c., are corrected. Iota adscript is printed where written, otherwise iota subscript is used. Square brackets [ ] indicate a lacuna, round brackets () the resolution of a symbol or abbreviation, angular brackets 〈> a mistaken omission in the original, braces \{ \} a superfluous letter or letters, double square brackets $\llbracket \rrbracket$ a deletion, the signs ' ' an insertion above the line. Dots within brackets represent the estimated number of letters lost or deleted, dots outside brackets mutilated or otherwise illegible letters. Dots under letters indicate that the reading is doubtful. In the new literary texts letters not read or marked as doubtful in the literal transcript may be read or appear without the dot marking doubt in the reconstruction if the context justifies this. Lastly, heavy Arabic numerals refer to Oxyrhynchus papyri printed in this and preceding volumes, ordinary numerals to lines, small Roman numerals to columns.
The abbreviations used are in the main identical with those in Liddell and Scott, Greek-English Lexicon (ninth ed.). It is hoped that any new ones will be self-explanatory.

## THEOLOGICAL TEXT

Plate I
2531. Theophilus of Alexandria, $\pi \epsilon \rho i$ кaravú $\xi \epsilon \omega c$

These fragments come from a page of a papyrus codex, which was about 14 cm . wide by 20 cm . high. Fr. I (c. $2 \times 4 \mathrm{~cm}$.) contains a few letters from the first four lines of the recto and the first three lines of the verso. Since the last line of the recto is preserved on frag. $2(9.5 \times I I .5 \mathrm{~cm}$.), the lateral position of fr. I is roughly fixed by the number of letters missing between it (fr. 2 r. 9) and the first surviving letter on the verso (fr. I v. I). The amount of text missing between the fragments on both sides suggests that about six lines are lost, and this allows the height of the page to be calculated approximately. A third small fragment is blank.

The writing, done in a brownish ink, slopes to the right and is clear and rather large, with cursive forms but sparing of ligatures. I am in doubt about its date and can find no completely convincing parallel, but it resembles P. Cair. Masp. ii 67177 (Pls. XIX, XX) of the sixth century. The ends of words are frequently marked by a space.

The text contained in the fragments is printed under Theophilus' name among the Apophthegmata Patrum in J. P. Migne, Patrologia Graeca, vol. 65, col. 200 (4), but the title 'On Contrition', given by the colophon here, is new. In the list of Theophilus' works compiled by G. Opitz ( $R E$ 2te Reihe, 5 ter Band, col. 2163 No. 44) it is described as a homily on the Judgement and in M. Richard's list (Muséon 52, p. 41, no. 33) as a sermon on death and the Judgement. The second description is based on a title found in one of the manuscripts (cod. Vat. gr. 2000, f. 260), $\pi \epsilon \rho i ̀$ ésódov $\psi v \chi \hat{\eta} c ~ к \alpha i$
 and arouse the suspicion that the short piece printed in Migne is the peroration of a longer work, but a Syriac version, published with a French translation by Brière in Revue de l'Orient chrétien xviii (1913), pp. 79-83, has no more than Migne, and one manuscript in which it appears is attributed to the sixth or seventh century.

References to an Arab version and to other passages in Migne obviously based on this one are to be found in M. Richard's article.

Since the colophon is on a verso one might imagine that this was the last page of a book made of one gathering of sheets of papyrus piled recto upwards before folding (Schubart, Das Buch ${ }^{2}$, p. I29), but this practice does not amount to a rule (ibid. p. I30) and no reliable conclusions about the gathering or the book can be drawn from a single page. The piece printed in Migne would occupy about five sides in this book.

Fr. I (recto)
$\pi \sigma] \hat{p} \dot{\eta} \kappa a[u ́ x \eta \subset 1<$




Fr. 2 (recto)
$\rightarrow(\kappa a \tau \epsilon) \chi 0] \mu \dot{\mu} \dot{\varphi} \eta \nu \cdot[\tau 0] \frac{1}{\tau} \tau \omega \nu \dot{\nu} v[\tau \omega]$. $\gamma(\nu] o \mu \epsilon ́ v \omega[\nu, \pi] o \tau \alpha \pi o v[c \delta] \epsilon \hat{\imath}$



$\theta \alpha \iota ;] \pi о \tau \alpha \pi \grave{\nu} \nu$ ả $\gamma \omega \gamma \eta \eta^{\prime} ; \pi \sigma \sigma \alpha-$
$\pi \grave{\eta} \nu] \pi о \lambda \iota \tau \epsilon!\notin \alpha \nu ; \pi о \tau \alpha \pi \grave{\nu} \nu \delta \rho o ́ \mu о \nu ;$
 ...] ó $\pi \sigma$ óay $[a ̉] \subset \phi ́^{\lambda} \lambda \iota \alpha \nu$;

> Fr. I (verso)
 $\tau \epsilon c$, стоvס́́cc $\omega \mu] \epsilon \nu[$ äсть入оь $\kappa \alpha i \stackrel{\alpha}{\alpha} \mu \omega ́ \mu \eta \tau o \iota \epsilon] \dot{v}[\in \theta \hat{\eta} \nu a \iota$

$$
\text { Fr. } 2 \text { (verso) }
$$

$\downarrow \quad \dot{\alpha} \pi[\dot{\partial} \kappa \alpha]$ т $\alpha \beta о \lambda \hat{\eta}[c$ кóc $] \mu \nu v$
 [ 4$]$ ] $\mu \boldsymbol{\eta}$ v.




Fr. 1 (recto). The division of lines is uncertain because of their irregular length in the better preserved passages.

Fr. 2 (recto) 4 [ $\pi 0]$ Tarā pap.
 and açadeav, In the translation of The Syriac version appears to support this by having no refer, appears to cover all three.

Verso $\downarrow$


Recto Col. i 5 ] $\lambda$ Neugebauer $\quad 6$ or $\kappa \varepsilon[\quad 8$ or $] \rho \epsilon \quad 9$ perhaps $7 \nu \omega \mu \epsilon$
 Verso Col. i 2 perhaps Jumatiau or mastau, but $\rho$ is more probable at the end Neugebauer ii 6 or Jxio I6 uncertain whether a long stroke or zero sign ink after and above $\iota \eta$, uncertain whether part of a horizontal stroke, then a space $23,24] 5$
17 trace of Neugebauer

## RELIGIOUS AND ASTROLOGICAL TEXTS

2552. Illustrated Egyptian Religious Text in Greek?

Plate II

$$
5 \times 7 \mathrm{~cm}
$$

Early second century
Although the text preserved in this small scrap is too scanty for any attempt to recover its sense, the style of the illustration above is so unmistakably Egyptian that its accompaniment by Greek writing is in itself remarkable. The drawing is outlined in black, and coloured. It shows the lower part of a human figure in profile, facing right, of which the left leg and foot are entirely preserved, placed directly in front of the right (which are partly lost), on the same base line in Egyptian fashion. The figure appears to be standing on a shallow basis or platform which ends a little in front of the left toe; it is shown as a long rectangle with a line along the middle which perhaps attempts to represent the upper surface of the basis in perspective; this object is coloured pale red. The left ankle of the figure (the right is lost) is indicated by a semicircle in black; a small black projection immediately in front of each toe possibly represents sandals. The border of a garment is visible just above the level of the knees; the colour of this is obscured by fading and stains. But the most remarkable feature of the drawing is the colouring of the legs, which is blue-green. This suggests a representation of a divine personage; for the significance of green as the colour of flesh, see Kees, Nachrichten v. d. Akad. d. Wiss. in Göttingen, phil.-hist. Kl. 1943 (No. II), pp. 428 seq.; Osiris is often so represented, but the posture is not characteristic of him. The writing is a neat informal upright rounded hand, with ligatures; it suggests the earlier second century. Written along the fibres of papyrus of good quality; the verso is blank.

$$
\begin{gathered}
] \epsilon \epsilon c \tau \iota \nu \epsilon \rho .[ \\
\text { ]. } \epsilon a v \tau o v \tau o[ \\
\text { ]. } a \pi a \theta \eta \epsilon \nu[ \\
\text { ]. } a \phi \circ \delta .[
\end{gathered}
$$

I Last letter : a curved limb descending leftwards to the level of the line, with a small trace above; probably $\mu \quad 2$ First letter: trace of ligature from a previous letter joining $\epsilon \quad 3$ First letter: trace of upright, and possibly of horizontal joining $a ; \tau$ ? 4 First letter: top of upright, preceded by horizontal curving up to join it at top; $\eta$ or $\mu$ ? Last letter : probably left bow of $\omega$
 scenes in Egyptian funerary papyri.

2553. Calendar of Cult Offerings

Fr. i $9.5 \times 13.5 \mathrm{~cm}$.
Late second or early third century
Two fragments written in a neat small round cursive, to be assigned to the end of the second or beginning of the third century A.D. It is similar to, but less formal than, the hand of the Gnomon of the Idios Logos (BGU v). P. Ryl. ii 86 (pl. 18) of A.D. 195 offers a fairly good parallel. $\beta$ is written with a broad base,

The fragments can be reconstructed as part of a calendar or hemerologion of cultofferings. In spite of mutilation (the extent of the loss on the right-hand side cannot be determined) and the puzzling nature of some of the entries, the text offers new evidence regarding the penetration of Roman cult in Egypt.

The nearest parallel, close also in date and overlapping in season of the year is P. Oslo iii 77 from Tebtynis. As in the Oslo papyrus, in 2553 entries were made by day of the Egyptian month. Though none of the dates actually survive, their presence is assured by the order of the entries and by the paragraphi still visible below 11. 5, 8, and $\mathrm{I}_{3}$; and they can be recovered by combinatory process. Special attention is given to festivals connected with Hadrian (e.g. the deification of Antinous, the birthday of Antinous, the date of Hadrian's (entry?) єic $\left.\tau \eta{ }^{\prime} \nu \pi o ́ \lambda \iota v, 1 . \pi I\right)$, and also imperial festivals (victories of Marcus Aurelius, Verus' birthday). Against each date is usually set a verb in 3 rd person singular present tense without an expressed subject ( 4 n .), ['he'] 'sits' ( 7 n. ) or 'sacrifices' or 'offers incense' ( I 0 n .) . No place-name actually survives. The place concerned may be Oxyrhynchus, the provenance of the papyrus. The prominence given to the cult of Antinous might suggest that Antinoopolis should be the location, but the fact that there is a shrine of the name $\Lambda a \gamma \epsilon i=\nu$ suggests that the place had a continuous history of occupation since the early Ptolemaic period. The reference to a gymnasiarch ( $1 . x 2$ ) might suit either Alexandria or Oxyrhynchus: many of the temples named are known to have existed in both. But the date sequence of the events commemorated in the calendar, if they are to be identified as seems plausible with the incidents of Hadrian's visit to Egypt (II n.), seems to exclude Alexandria, but is reconcilable with Oxyrhynchus. In the latter place a victory over the Jews (presumably in Trajan's time) was still commemorated nearly a century later (705 34) ; the baths are named after the emperor (54, 896), and Hadrian's temple, A $\delta$ paveiov, is mentioned as late as the fourth century $(\mathbf{1 1 1 3}, 2154)$.

The part of the calendar for which dates can plausibly be suggested is as follows:

| 1-3 | (not earlier than Hathyr $3=30$ Oct.) | ? and deification of Antinous ( I ) |
| :--- | :--- | :--- |
| $4-5$ | Choiak $4=30$ Nov. | Birthday of Antinous (2) |
| $6-8$ | Betw. 30 Nov. and ${ }_{55}$ Dec. | Victories of deified Aurelius An- |
|  |  | toninus |
| 9-10 | Betw. 30 Nov. and $15_{5}$ Dec. | Festival held because of a bequest |

II-I3 Betw. 30 Nov. and $I_{5}$ Dec.
Day on which deified Hadrian (entered?) the city
14-16 Choiak $19=15$ Dec.
Birthday of the deified Verus (3)
The date of ( I ) is fixed by Chronicon Pascale i 223 : Antinous died iii Kal. Nov. Divinization may have been later than this. The date of (2) is given by CIL xiv 2112 . $5=$ ILS 7212 , and of (3) by numerous testimonies (cf. Yale Class. Stud. vii, p. 252).

The years in which this calendar was in force cannot be precisely determined. The handwriting is most like that of the closing decades of the second century, but could be early third century. Verus ( $\theta$ cóc, 1. 14) is dead, so probably is the emperor
 ( 1.2 n.) may put the date in the time of Commodus. Hadrian may perhaps be the first emperor who figures in this list. No festivals seem to be attached to 8,16 , 17 Nov., the birthdays of Nerva, Tiberius, and Vespasian.

If Oxyrhynchus is in fact the location of this calendar, then it is of interest to note that religious festivals connected with the imperial cult are celebrated in a metropolis, and that a shrine connected with worship of the Ptolemies still survives there. The temples and shrines mentioned are:

2. ] $\epsilon \omega(\nu) 1$. 3 .
3. Tvxaîov 1. 3.
4. Capartion 11. 3, 19, 22.
6. Aayeiov, ll. 7, xo, I3.
5. J $\gamma \in \iota \frac{}{2}$, 1. 7.
7. $C_{\epsilon} \beta \alpha c \tau \in i 0(\nu)$ 1l. 12,14
8. 'Hраклєîov (?) 1. 26.


We hear also of a temple (? the $C_{\epsilon} \beta \alpha c \tau \epsilon \hat{i}($ ) on the dromus of which there were steps; and possibly a sacrifice to the Nile is also mentioned (1.25).

 ]єьo(v) каi єic тò TvХаîo(v) каi єíc тò C̣apan[














$$
\begin{aligned}
& \gamma] \in \nu \epsilon \subset i \omega \nu \nu \in[0 \hat{v} \\
& \text { ]сє } \omega \text { каі } \pi \text {.[ } \\
& \text { ]каi єic } \tau o ̀ ~ C a p a \pi \epsilon \hat{i}[\mathrm{O}(\nu) \\
& \text { ]. } \epsilon-i \pi \pi[.] .[
\end{aligned}
$$

Fr. ii
] $\pi \alpha \alpha$ [ ] $o \pi \iota \varphi$. [
$\kappa]$ ai єic rò Capan[єio(v)
]ve коирıтьо.[
] $\nu \gamma \nu \omega \rho a p .[$
$] \tau \omega N \epsilon(\lambda \omega\rangle[$
]к тои ' $Н \rho \alpha \kappa \lambda \epsilon \iota$ [
] єic тò $А$ Aтo $\lambda \lambda[$
....]. aкаит [
] $\epsilon$ [

I-3 . . 'On the ... of Zeus (Jupiter?) and consecration of Antinous ... to the house of Britannicus . . . eum and to the shrine of Fortune and to the Sarapeum . . ..
 suggests that another noun in the dative stood at the beginning of the line. In Il. 6 and 9 , however, (and perhaps $\gamma \in \nu \in c i \omega \nu 1$ 1. 17) the entry begins in the genitive, perhaps preceded by $\boldsymbol{v} \pi \boldsymbol{\epsilon} \rho$.
 tolinus (cf. W. Chr. 96; P. Milan N. cat. 102, M. Vandoni, Acme xii (1959), p. 192,6). But the date of Jupiter Capitolinus' appearance in Egypt is usually taken to be the 3 rd cent. after A.D. 212 (though the date of the Milan papyrus just mentioned is uncertain). An event one part of which is the apotheosis of Antinous suggests that the other deity shouldian was assimilated (cf. W. Weber, Hadrian (full title in n. II), on p. 147, n. 539, A. D. Nock, HSCP 1930, p. 32)),


2 The fact that the first two words are in the accusative practically excludes this entry's being a different occasion from that in 1 . I , for there would not be room to express this new occasion. J $\eta c o o v$ might be restored ròv $\pi \lambda] \eta c i o v$, or perhaps better understood as an adjectival termination
$-\eta$ そcooc, representing Latin -ensis. For olkoc in a religious sense, cf., e.g., P. Petrie iii $\mathrm{I}, 2$, 7 , etc.

$K p \epsilon$ : e.g. $K[$ aicapoc or $\kappa[$ al.
${ }_{3}$ Tvxaîov: may be a temple of the Greek Túx $\eta$, the Roman Fortuna, or possibly the Fortuna of the emperor. For a shrine of this title in Alexandria, cf. E. Visser, Götter und Kulte, p. 99 ; in Arsinoe, BGU i 9,12 (W. Chr. 293) ; P. Teb. ii 395, 4; 398, 5, etc.
 $4-5$ 'On th
posted ...'

## 4 A new entry begins with this line.

Ave : 3rd pers. pres. indic. is used throughout to state ritual. Absence of expressed subject and the present tense are formulaic, of recurrent happenings. The $\boldsymbol{v \pi o \mu \nu \eta \mu a \tau c c \mu o i ~ o f ~ t h e ~ s t r a t e g o s ~ i n ~} \mathrm{W}$.
 $\tau \hat{\varphi}$ Kaucapei $\varphi$ каi ${ }^{\text {Ej }} \boldsymbol{\nu} \tau \hat{\omega}[\gamma v] \mu \nu a c i \varphi$. For the present tense cf. the calendars of Cos, e.g. Paton and Hicks,
 interchanged, cfi., e.g., F. Sokolowski, Lois Sacrées 88 a 2, b 3. Presentation in the form of a statement is like entries in a memorandum, or the summary legal provisly
 might be the chief magistrate, officer, or priest (e.g. municipal exegetes, the epistrategos, or the $\nu \epsilon \omega к о ́ \rho о с)$.
Ihave not found a precise parallel to the pres. indic. without expressed subject. Possibly it was stated in an earlier part of the text now lost.
$i \pi \pi \iota \kappa()$ : cf. $11.13,20$. The expansion must be speculative in the absence of parallels, e.g. $i \pi$ $\pi \iota \kappa(\partial े \nu \quad \theta \dot{v} \epsilon)$ or $i \pi \pi \kappa \kappa(\bar{\omega}$ à $\gamma \hat{\omega} v i)$.
5 ] $\omega \nu$ : ? cкश̂vau $\theta \epsilon \omega \rho \iota \omega \hat{\nu}$ as in 1.8. $\theta \epsilon \omega \rho l a$ is the term for the appropriate ritual in the Tebtynis calendar P. Oslo iii 77,18 ; in BGU $362=$ W. Chr. 96 vii 3 (temple of Jupiter Capitolinus at Arsinoe); cf. also P. Oxy. 1025 = W. Chr. 493, 16 (a local Egyptian festival).
6-8 ${ }^{6}$. . on behalf of the victories of the deified Aurelius Antoninus . . . geum and sits in the Lageum . . . and booths of spectacles whenever ...
6].ėmv кícuv : possibly vimé (as often in P. Oslo iii 77 ), which cannot, however, be verified. In this
 Teb. $327,17=$ W. Chr. 394 ( $W$ B is wrong), P. Gen. I8, 14.
. What were the victories celebrated here on a date Jewish rebels.
gular is pressed (i.e. to exclude Verus) it would seem that it must refer to one and th Dec.? If $\theta \in 0 \hat{u}$ rned for Marcus the title of Germanicus ( 172 ) or Sarmaticus ( 75 ) but there is the victories which earned for Marcus the title of Germanicus (I72) or Sarmaticus (I75), but there is no strong evidence
for dating either of these in the autumn. It does not appear to be possible to link this date with the
ending of the revolt of Avidius Cassius in A.D. 175 (about mid-July, cf. R. Rémondon, Chron. $d^{\prime} E{ }^{\prime}$ g. 1951, $374-5$ ). On the cults of Victoriae de gentibus, cf. O. Fink, Yale Class. Stud. viii (1942), 1951, $374-5)$.
pp. 8 r seqq.

 in 11 . Io and I3, has previously been known only as the name of an amphitheatre in Alexandria, SB 6222 (3rd cent. A.D.). Its continued use (possibly in a town in Upper Egypt) is evidence of th in the and cent. A.D.
i $\quad \begin{aligned} & \left.{ }^{\kappa \alpha 0} \theta_{\epsilon} ' \xi \epsilon \tau(a)\right) \text { : cf. also 11. Io, 13. H. Chadwick refers to Tertullian, de Oratione 16; Apuleius, Florida }\end{aligned}$ i I; Propertius ii 28, 45; Plutarch, Numa xiv ; Aet. Rom. 25 (270D); Ovid, Fasti vi 307. There is a general discussion by F. Dolger, Antike und Christentum, v i16-36. Sitting after prayer seems to be
Roman. Roman.
[Addendum: A. Alfoldi canvasses the possibility that кatel $\zeta \epsilon \tau a$, is equivalent to Latin sedet or praesidet. If such an equivalence were accepted, this calendar might include a series of acts to be
8 crâvu: At the end the

in the Lageum....
The paragraphus shows that a new anniversary begins at this line. As pointed out by H. C.

 'the body of an inheritance'. The prizes in an ephebic contest at Oxyrhynchus 'on the same terms as the Antinoites now compete' were endowed by will in A.D. 200 by Aurelius Horion. Horion recalls that the day of victory over the Jews ( $\left.\tau \dot{\eta} \nu \tau \hat{\omega} \nu \dot{\epsilon} \pi \tau \nu \epsilon \epsilon \kappa i \omega v \eta \dot{\eta} \mu \epsilon \rho^{\prime} \alpha \nu\right)$ was still annually commemorated in


Io $\varepsilon \pi \pi \theta v \in t:$ i.e. 'offer incense', disting. from $\theta$ '́єc, 'offer a sacrificial victim'.
day on which the deified Hadrian . . . the city . . . gymnasiarch(s) enters the Sebasteum and sacrifices and the ... and goes in procession and sacrifices and sits in the Lageum,

II A new entry probabiy begins here in view of the verbs of the following two lines. The opening phrase would seem to be of the type $\hat{\in} \hat{\eta} \hat{\eta} \mu \mu \bar{f} q$, , reminiscent of the Latin eo die, e.g. Feriale Cumanum
 between 30 Nov, and I5 Dec. seems to forbid a reference to Alexandria, and makes a place. in Upper
 memoration of Hadrian's second decennium on Choiak $17=x_{3}$ Dec.
Hadrian's visit to Egypt was planned well in advance (cf. van Groningen, Studi in Onore di Calderini-Paribeni ii $253-6$, collections for his $\pi$ apovcia at Oxyrhynchus were being made in December A.D. I29). The time-table of his visit has been reconstructed by W. Weber, Untersuchungen z. Gesch.
des Kaisers Hadrianus ( 1907 ), pp. 246 seqg. He seems to have arrived in Alexandria des Kavsers Hadrianus (1907), pp. 246 seqq. He seems to have arrived in Alexandria in the summer
(before the end of August, for one coin, marking his arrival, is dated to year I4, though most belong to year 15) ; to have reached the site of Antinoopolis by 30 Oct. (date of Antinous' death) ; to have 'heard' Memnon at Thebes on 2I Nov. (CIG 4727 and addenda); Choiak, the month rechristened Hadrianus runs from 27 Nov, to 26 Dec. The return journey took place in December and January I2 $C_{\epsilon}$ aacteiov : the evidence for metropolite and village shrines of the reigning emperors is collected by C. Kunderewicz, $J J P$ xiii ( x 96 I ), pp. $123-9$.


14-15... on the birthday of the deified Verus enters the Sebasteum and sacrifices and $\ldots$ on the I4 On the distinction betwe into the Sarapeum and ...
Eitrem and Amundsen's between the term $\gamma \in \operatorname{cevé}^{\prime} \theta \lambda a$ (used in the Oslo calendar) and $\gamma \in \nu^{\prime}$ eca, cf. I6 The term $\delta \iota \pi \lambda a \tau \rho \iota \kappa()$ is baffling.
2553. CALENDAR OF CULT OFFERINGS

17 The date may be the birthday of Titus, Tybi $4=30$ Dec., or more probably Tybi $29=24 \mathrm{Jan}$,, the birthday of Hadrian.
 c., e.g., 1449, 4 where Grenfell and Hunt equate Apollo with Horus), and a mention (? sacrifice) to the
Nile in 1. 25 . It also offers puzzles of articulation and interpretation in $11.23-24$ to which I have no
 of dedication of hair on reaching manhood.

## 554. Predictions by Astrotogy

Plate III (fr. 3)
written on the verso of 2546, Manetho's Apotelesmatica. Since it is written upside down in relation to the Manetho the numeration of the fragments here is illogical, but for comparison of recto and verso I have let the same numbers stand. There are traces of three columns. The ends of the lower part of col. $i$ are on $\mathrm{fr} . \mathrm{I}$, the top of col. ii is on fr. 2, the foot on fr. I again. Then there is a gap of three columns, since the rather broad columns (c. 15 cm .) are almost as wide as those of the hexameters on the recto (c. 1 ' cm .). Fr. 4 contains the ends of lines from the top of the succeeding column, fr. 3 the ends of lines from the foot of the same column. ${ }^{\text {I }}$

The text consists of annual predictions by the stars. The most puzzling feature of these is that the rise of the Nile is forecast for each year, and not by cubits only, but including palms and digits. In one year the 'king' ( $\beta a c c \lambda \varepsilon u ́ c)$ will die in his own house, then sundry disasters will follow, after which the 'king' will be great and punish his adversaries. In the context of predictions for a particular year the only meaning I can attribute to these statements is that the Roman emperor will die and be replaced by another. The other two possibilities that occur to me seem less likely. The king could be some allegorical figure, such as the vague new ruler foretold in the Potter's Oracle (2332 65 n .), but hardly in a prediction for a particular year. Or perhaps ßacı $\lambda \epsilon$ v́c could be an astrological description of the sun, like $\pi \alpha \nu \tau о к \rho \alpha ́ \tau \omega \rho$ (cf. Greek Horoscopes, no. 46 r). Certain of the words have astronomical significances, e.g. Apóvoc, oikoc, but I cannot find a connected meaning for the sentences in this way and, what seems more important, such astronomical details would not be on the same plane of interest as the foreknowledge of a charm for the year (e.g. I ii I4) and the height of the Nile.
${ }^{1}$ The following scrap of 2554, consisting of parts of 6 Il . and the top margin, has lately been identified. It is blank on the recto and so adds nothing to 2546 .

акатастасакаки [

5

(vac.)


## RELIGIOUS AND ASTROLOGICAL TEXTS

The predictions seem to claim to be based on calculation of the positions of the stars at the time of the heliacal rising of Sothis, or Sirius, as suggested by the unfortunately incomplete passage at fr. 3 iii 14 seqq. and confirmed by close parallels in
 aùrク̀̀ $\dot{\alpha} c \tau \epsilon ́ \rho \omega \nu$, but the precise measurement of the Nile and the forecast of the death of an emperor, if that is what the passage means, give rise to the suspicion that they were composed after the events, perhaps by way of an advertisement for some astrologer or some system of astrology.

The handwriting is of the well-known 'oval and sloping' type and should probably be assigned to a date within the third century (ct., e.g., C. H. Roberts, Greek Literary Hands, $2 \mathrm{I} a$ ).

I am grateful to Professor Neugebauer and to G. J. Toomer for their expert advice.

## Fr. ${ }^{1}$

$$
16.5 \times 7 \mathrm{~cm} \text {. Foot }
$$

$\qquad$
Col. ii
.....]. [ .]a...c















 $\pi \eta^{\prime} \chi \in \tau \subset$

Fr. 2
$9 \times 13 \mathrm{~cm}$. Top

## ] $\eta ข \pi т о \tau а \xi \in \iota c a \nu[$

]. $є ш \tau о \iota \prec \beta a c[.] \lambda \epsilon \iota$.[
]..... єстаıкаเтоисถ̣є...[
]...калшсєстаюкаита⿱ . [
5 ]таєкаıси $\lambda \lambda \eta \mu[..] \leqslant \tau \rho \omega$. . ]осас $\theta \epsilon \nu о \nu \nu \tau .[. . . . . . ..] . \kappa v \rho \omega .[$


]. єХоуvтотоисто. [
]т $\omega \nu т о \delta \omega \nu \eta \tau \omega \eta$.[
] $\nu o .[.] . \theta \iota \omega \nu \mu є \chi \rho \iota к \rho о т а \phi[$
]. [. . ]cтодєс $\theta \in \nu$.. . $є о \phi \in$.[
]. $\theta \epsilon \omega \iota \eta^{\prime} \chi^{\prime} \bar{\delta} \pi \alpha^{\prime} \lambda^{\prime} \alpha$
]...[.]. $.[\ldots . . . . . . ..] . . \nu .[$
]...[.]. $\delta \in[$ $\qquad$

Fr. 3
$13 \times 30 \mathrm{~cm}$. Foot

Col. iii

$$
\begin{aligned}
& ] .[ \\
& ] \kappa[ \\
& ] \kappa \in \tau \alpha \iota \dot{\eta} \mu \epsilon \gamma a ́ \lambda \eta \\
& ] \text { còv } \theta \rho o ́ v o \nu \text { кaì }
\end{aligned}
$$

].[...]. $\eta \eta \alpha[.] \pi \epsilon, \theta,[..] \tau \alpha \iota \epsilon^{\epsilon} \phi^{\prime} \Psi^{\Phi} \circ . \chi$.

 ]èmi тov î̀iov $\theta \rho o ́ v[о v ~ к] a i ~ к а \lambda \omega ̂ c ~ \epsilon ̈ c \tau a \iota ~ \tau \eta ~$



 $\mu \dot{\epsilon} \tau \rho \alpha] \theta \in \hat{i} \circ \iota \pi \eta^{\prime} \chi(\epsilon \iota c) \overline{\iota \beta} \pi \alpha \lambda(\alpha \iota c \tau \alpha i) \bar{\gamma} \delta \alpha \alpha_{[ }[\kappa \tau] \nu \lambda(o c) \bar{\alpha}$






Fr. 4
$6 \times \mathrm{rIcm}$. Top
] $\mu \in \nu \circ c \theta \epsilon o c$
] $\alpha \nu \omega \nu \kappa \alpha \lambda[]$.
$\sqrt{\kappa \alpha} \bar{\alpha}$ є $\frac{1}{\alpha o v \tau \omega}$
]evסє $\eta \nu a v a$

]сәрфорогкаи
] $\alpha \lambda \omega \nu \omega \nu \pi \lambda \eta \theta v \nu$
]av $\omega \mu \alpha \lambda\rceil c o v$
]єкүпроискаи
]єтоскаи $\theta \alpha v a$
] $\alpha \nu \rho \omega[.] \omega \nu$

I ii 3 seqq. ' $\ldots$ and the seed will grow well at first . . . sky ... tumult and war $\ldots$. and it will go badly with the rich. Their arrogance will be cast down and their goods confiscated and delivered over to others who have.. and the king will leave his own throne and another will overpower him, that is, the king will die in his own house. And a great man . . . will be ruined. And the poor will be exalted and the rich humbled. Famine and sickness and ... will appear in many places and ... of
liquids will.... But after this the king will be great and will punish his adversaries. Talisman for the year. Draw on a strip of linen that has no . . . (magic word) . . . sacrificing and pouring libations . . . speaking the name of Souie. . . . Height of the flood : I4 imperial cubits, 4 palms, ? digits. 14 cubits.'

I i 6 Probably ảvaßóc] $] \omega c$ and the end of an entry, cf. ii 7 .

 The line above could indicate a numeral, i.e. 24r, but it seems more likely that it denotes a non-Greek word, cf. ii ${ }^{15}$, 16 .
 8 à $\lambda \epsilon \xi_{\eta} \eta \dot{\eta} \rho o v:$ cf. I ii I I4, 3 iii 9 . The next four lines are perhaps instructions for making a figurine as a charm, or for drawing a magic figure.






 II . $] \mid \theta \mu o c$ : the trace is an upright with a slight convexity to the left which suggests $c$, but


 Bpax (lovi).

Búc ]civov pákoc: cf. PGM i i, 276 seq., 292 ; ii $7,209,665$; 8, 85, 145 .
${ }_{17} 17 \theta \in \hat{0} 0 \sim$ apparently equals $\beta$ accideool i.e. the royal cubit of 7 palms and 28 digits, which was retained for measuring the Nile, cf. Segrè, Metrologia pp. 4, 9. TAPA lxxxvii (r956), p. 56 , n. 5 , but perhaps the translation should be 'sacred' rather than 'imperial', especially in this context, since (Jahrbuch für Antike u. Christentum ii (1959), p. 33).

4 iii I cf. 3 iii 14 n .
2] ]avev ка入[0]v: cf. 3 iii 15 .
[日eicav? ' with full threshing floors': The picture changes in 3 iii 6 . This perhaps


 3 1ii 9 "ßewc ©aciac: according to Aelian, de nat. anim. ii 38 , the ibis dies if taken from Egypt According to O. Keller, Die antike Tiervelt ii 200, one variety (ibis falcinellus) visits the Euxopean coasts of the Mediterranean and mummies of it have been found, but the true sacred bird (ibis aethiopica or veligiosa) does not travel north of Egypt. There is also a bird called 'tech' or 'technj', v. PGM i i 246 , $3620,446,804$, ii 7327 . 1

14 seqq. 'This passage seems to suggest by its reference to the rise of Sirius (ry adarod[. .] rov
${ }^{2}$ I now see that this is probably the same as the herb called 'ibis-wing' or 'Thoth's feather', ข. JEA xx ( $\mathbf{1 9 3 4 )}$ p. 186. But ©acíac remains obscure.
C2244
darpov) that the 'predictions' are based on the calculation of the position of some star or stars at the time of the heliacal rising of Sirius, which marked the beginning of the new year for the ancient Egyptians. Ll. $14-16$ give the position of a star in a particular decan, the sky being divided into 36 regions called decans, 3 for each sign of the zodiac. Ll. 16-18 seem to me to give the date of the rising of Sirius in the fixed Greco-Roman calendar of Egypt, i.e. Epeiph $25=19$ July, and in the calendar according to the Egyptian 'wandering' year. The 'wandering' year lacked a leap year so that the
first day of the year fell one day earlier every four years. In the Roman period the Egyptian calendar was regularized by the addition of another intercalary day every four years, but this calendar, $\kappa a \theta^{*}$ ${ }^{*} E \lambda \lambda \eta \nu a c$, was often neglected by the Egyptians, who for reasons of national pride preferred the original version кar' dpxalovc. Thoth ist was meant to coincide with the heliacal rising of Sirius but it fell gradually earlier until in A.D. I40-3 they again coincided. Professor Neugebauer thinks that it is more likely that a general statement is being made here, namely that the canonical date in the fixed year
 In
In my ( phrase év roúr $\omega \boldsymbol{\tau} \hat{\varphi}$ ë $\tau \epsilon \mathrm{s}$ seems to me to fit oddly at the end of the cuvodevi sentence and well at the phrase $\epsilon \nu$ rovic $\tau \omega \in \tau \epsilon \iota$ seems to me
beginning of the next sentence, which would run 'In this year the ?th day of Thoth (sc. according to the ancients) is coincident with the rising of Sirius upon the 25th Epeiph (sc. according to the Greeks), so that the ?th day of Epeiph according to the Greeks is, according to the ancients, ist Thoth', There are 25 possible cases of this equation and they cover a period of yoo years within which this
entry must fall. The beginning and end of the series are:


Some further progress can be made on the hypothesis that this sort of statement would need to be made only in entries concerning the first year of each quadrennium since it would apply also to the next three. This entry, then, should be one of a series stretching from A.D. I 40 by intervals of 4 to A.D. 236. There are three columns of $c .30$ lines missing between the extant cols. ii and iii and the length of three of the entries can be measured as 23 lines ( 1 i $10-2$ ii $\mp 3$ ), $c$. 20 lines ( 2 ii $14-\mathrm{I}$ ii 18 ), and c. 22 lines (4 iii I-3 iii 3). An entry ends at the foot of col. ii and another begins, after the three-column gap, at the beginning of col. iii. This gap of $c, ~ g o$ lines was probably filled by four entries at an average
of $22 \frac{1}{2}$ lines to the entry. From this it can be calculated that the entry which I have supped the contain a 'prediction' of the death of an emperor ( I ii 8 seq. $v$. introd.) is the sixth before this one, the one that may fall in the series A.D. 140, 144, etc., to A.D. 236. On the same basis the earlier entry should fall in the series A.D. I34, $\mp 38$, etc., to A.D. 230 . Since the predictions are probably meant to cover the period from one rising of sirius to the next, the series is more precisely 19 July, A.D. I34-19 July, A.D. I35, I9 July, I38-I9 July, I39, etc. Assuming that it is true to deduce from the exactness of the figure for the Nile rise that the 'predictions' were made after the events ( $v$. introd. para. 3 ), this series should include the date of the death of an emperor. The only such date that it does include is that of the
death of Septimius Severus ( 4 Feb., A.D. 2II).
écepoc émik
 murders that took place shortly after his accession ( $R E$ ii 2444). Severus died in York, but that is not necessarily inconsistent with è i i $\delta \%$ oik $\kappa$.

The entries would cover the years as follows:

$$
\begin{aligned}
& \text { A.D. } 208-9 \\
& \text { 210-11 }
\end{aligned}
$$

four entries lost
${ }_{4}^{4}$ iii $\mathrm{I}_{3}-3$ iii $\mathrm{r}_{3}$
The uncertainty of the assumptions on which this reconstruction is based will be obvious. Note also that I have not been able to fit the words in 3 iii 4 and $7 / 8$ to the historical circumstances of summer A.D. 216.

3 iii $15 \theta$ éc : cf. 4 iii I $\theta$ eóc probably means 'planet' or 'sun', cf. Greek Horoscopes, glossary s.v.
I6 For the decans and their Egyptian names $v$. Greek Horoscopes, pp. 5 seq. If the spacing could be relied upon, probably ova]p $[\epsilon$ (2nd of Gemini) or tovo $\rho \rho[\iota$ (3rd of Gemini) would be best, but the Ist and and of Aries, and of Taurus, and Ist of Aquarius are all possible.
$c{ }^{\prime} \mu \mid[\phi \omega v o c ? ~ e . g . ~ T h e ~ w o r d ~ s h o u l d ~ m e a n ~ ' c o i n c i d e n t ~ w i t h ' . ~$

Plate IX
2555. Horoscope

Later first century A,D.
An elaborate but unfinished horoscope for 13 May, A.D. 46. The papyrus has suffered considerably from warping and stripping, and the ink is much rubbed at the left and towards the end of the text. The writing runs parallel with the fibres; the reverse is blank.

The hand has some interest as a dated example of the decorated style. Most of the uprights are footed with emphatic serifs (generally horizontal, sometimes oblique); $\epsilon \theta \circ$ and $c$ are round rather than oval; $\beta$ usually has the open-topped cursive shape Consecutive letters often join, but without the aid of added linking-strokes. Despite individual differences, the general effect is much like that of the London papyrus of Hyperides In Philippidem (Kenyon, Classical Texts, pl. 2)-an earlier and more elaborate representative of the style. The writing is not consistent (thus $\gamma$ appears both with and without serif), and becomes coarser in execution as the writer's pen loses its point.
The astrological data given by this horoscope are unusually full and interesting but the bad state of the papyrus often makes reading and interpretation difficult. I am most grateful to Professor O. Neugebauer and Mr. G. J. Toomer, who have shown the greatest patience and kindness in helping to make the text more intelligible: I have been able to cite many of their comments in the notes.













......... $\left.\lambda \eta^{\prime}\right] \gamma(\epsilon i)$ єic̣ крєíov
${ }^{5} \mathcal{A}_{\rho}[\eta \subset \dot{\in} \nu \Delta i \delta u ́ \mu o \iota c] \mu(o \iota \rho \hat{\omega} \nu) \kappa \zeta$.

$A[$
6, 8, II, 15 suppl. Neugebauer 9, I2 suppl. Toomer
'Sixth year of the deified Claudius, I8 Pachon, that is 5 Pauni according to the ancients, beginning of the roth hour:
'Moon in Capricorn, x9 $\frac{11}{1} \frac{1}{2}$ degrees ; . . . in her numbers, and in her latitudinal motion descending around the sixth Step; house of Saturn; terms of Venus; her dodecatemorion terminates in Leo.
'Saturn in Capricorn, $2 \frac{10}{10}$ degrees; in his first station; in his own house; terms of . ..; his dodecatemorion terminates in Capricorn.
'Jupiter in Cancer, $23 \frac{3}{4}$ degrees; in his second station; house of the moon; his own exaltation;
terms of Mercury; his dodecatemorion terminates in Aries terms of Mercury; his dodecatemorion terminates in Aries.
Mars in Gemini, $27 \ldots$. degrees ; . . ; his own depression ; . . . (his dodecatemorion terminates) in Aries.

I Alexandrian Pachon $I 8=$ Fgyptian Pauni $5=13$ May, A.D. 46 . Alexandria, 3 p.m.
 190. 2. node. Text: Car. Computed: longitude Capricorn $16^{\circ} 5^{\prime \prime}$, thus the moon $4^{\circ} 22^{\prime}$ before the descendin the node itself (Neugebauer). House and Terms are regular (Greek Horoscopes, pp. 7 and ${ }^{3}$ ) ; on the dodecatemorion see 5 n .

3 кai $\tau[0 \hat{i}] \mathrm{c} \dot{\alpha} \rho \theta \theta \mu o \hat{c}$ seems very likely, though the gap is on the small side and I should have expected to see the top of the iota. The traces in the first half of the line point to another plural

 are all long enough to show at the end of the lacuna, but the traces there favour $]_{\&!}$ or ]cs (the right tip of a high horizontal, then the top of a single upright).
4 kquaßaivovaca: the flat top of is clear (not ava-i); before this there is rubbed ink enough for all the missing letters. The space does not admit [ $\mathrm{kcvi} \dot{\mathrm{c}}$ ct, and $\phi$ opầ would be unexpected (Toomer). but there is no obvious reason why the line should have been indented.

Bat $\mu o ́ v$ : the Bathmoi are $15^{\circ}$ sections of the lunar orbit, counted fro
see Vettius Valens, pp. 31, i40, Theon, ed. Halma i, p. 55 (Neugebauer).
4-5 ofiouc iA $\phi$ poopirnc: the Terms here given are correct according to the 'Egyptian' system (Greek Horoscopes, pp . $\mathbf{1 2}$ seq.). The Terms of Jupiter (1. 13) are incorrect. This may be just a slip : certainly none of the other systems (Bouché-Leclercl, Astrol. Grecque 206-15) give correct results in both places. If the Egyptian system was used correctly for the Sun and for Saturn, we should restore 7 [ ${ }^{\circ} \rho \dot{\rho} \hat{i}($ (cc)

${ }^{5}$ For a full explanation of this term and its history see Housman, Manilius ii, pp. xxii-vi. Two methods of calculation are known:
'A. If the planet is d degrees from the beginning of sign s , then form 12 d . The sign in which falls the point removed I2d degrees from the beginning of sign sis the planet's $\delta \omega \delta \varepsilon \kappa a \pi \eta \mu$ opoov. This procedure is found, e.g., in Manilius ii 726 seqq., Firmicus ii 13,2 seqq., Heliodorus in Paul. Al. ed. Boer, pp. ${ }^{44, \text { I }}$ I As As in.
sign. This is the method more commonly found; see, ef the planet instead of the beginning of the erroneously supposed by Bouché-Leclercq, p. 300, n. 2, and Neugebauer-Van Hoesen, Greek Horoscopes, to be the only method.
'If the dodecatemoria are calculated for the positions of this papyrus by method $A$, they agree with the text. If calculated by method B, two discrepancies occur : Virgo instead of Leo for the moon, and Taurus instead of Aries for Jupiter.'

The dodecatemorion of Mars (1. 18), if correctly read, also conforms to method A. Using the

${ }_{6-7}$ SUN. Computed: longitude Taurus $20^{\circ}$. Text: [Taurus] $29^{\circ} 55^{\prime}$. 'This deviation of almost $10^{\circ}$ could be interpreted as the result of tables of system A or B (Greek Horoscopes, p. 12). But then all the following positions would show about the same difference, and this seems definitely not to be the case ' (Neugebauer). The more acceptable reading $\kappa \epsilon \mathrm{L}^{\prime} \boldsymbol{\gamma}^{\prime}\left(\beta^{\prime}\right.$ is palaeographically excluded.

6 ouk[ $\omega]$. . . : the house should be of Venus, i.e. A $A \phi p o[\delta!\tau \eta c$. The traces do not exclude this: but the third and fourth would be more readily interpreted as os, and there is no trace of ink after them.
${ }_{7}$ For the Terms, see 4-5 n.; for the dodecatemorion, 5 n .
$8 \beta c^{\prime}$ : as a reading,$\beta^{\prime}$ (one-twelfth) seems at least equally possible: but omission of the zero sign would be unexpected (Toomer).
${ }^{9}$ c] $] \eta \rho с \gamma \mu \hat{\omega}:$ : Mr. Toomer writes:
'Neither Saturn (here) nor Jupiter (1. I2) was actually at a stationary point on the date in question. Saturn was at its first station on about 3 Apr. (and so was retrograde on 13 May); Jupiter was at its second station on about $\mathrm{I2}_{2}$ Mar. But the stations (as restored) are the nearest astrologically sig-
nificant points, and though they are comparatively far removed in time, they are not so distant in space ( $+5^{\circ}$ for Saturn, $-5^{\circ}$ for Jupiter). For a similar latitude in the use of the term cf. Greek Horom scopes, no. I37a, II and $\mathrm{II}_{7}$ (and comm. p. 4I).'

10 For the Terms, see 4-5 n.


II-I4 Jupirer. Computed: longitude Cancer $21^{\circ}$. Text: Cancer $23^{\circ} 45^{\prime}$ (Neugebauer).
 vi申cupart here, so that iotiot is a certain supplement. For a body to be in its orw depression or exalt

I3 ópio(c) 'Epuov̂: on the 'Egyptian' system this would be correct only for Cancer $13^{\circ}-19^{\circ}$.
${ }_{13} 3^{-14} \delta \omega \delta \in \kappa \alpha[\tau \eta \mu \dot{\sigma} \rho \circ] y:$ the final $p$ stands on a detached strip. If the strip is wrongly attached
 no obvious signs of ink at the beginning of I4, but the papyrus is very much rubbed.)
I5-18 MARS. Computed: longitude Gemini $5^{\circ}$. Text: [Gemini] $27^{\circ}+$ (Neugebauer). The House
should be of Mercury, and the Terms of Venus. should be of Mercury, and the Terms of Venus.
$15 \kappa \zeta ; \zeta$ is a probable reading. I cannot read the substantial traces which follow : apparently a vertica, closely followed by an obique stroke which rises from left to right and is joined at the top correctly calculated on system A, presupposes a longitude of 2 stroke. The dodecatemorion (andon suggests, the sign after $\kappa \xi$ is only an eccentrically written L, i.e. $\frac{1}{2}$. After this there are no further traces of ink, but presumably the House must have been named here (cf, i2 seq.).

 p. 7) Gemini has no Depression-that of Mars belongs to its next neighbour, Cancer: compare Horoscopes, no. 95. 77 seq . are no certain traces of ink on the rest of this line or on the rest of the sheet.
2556. Horoscope

$$
6.8 \times 12.5 \mathrm{~cm}
$$

A.D. $16 I$
$a$ ( $(\tau \tau v c)$ Avт $\omega v i v o v$ ка!
Ov'ท́pov $\tau \hat{\omega} \nu \kappa v \rho i ́ \omega[\nu]$

## Мєсорі̀ $\overline{\kappa \beta}$ єic $\overline{\kappa \gamma}$


$5{ }^{\circ} H \lambda \iota о$ Ає́оут

"А "
$Z \in \dot{c} c ~ T a u ́ \rho \varphi ~$
Афробєітт Каркішш
10

$$
\dot{\epsilon} \pi^{\prime} \dot{\alpha} \gamma \alpha \theta \hat{\omega} \iota
$$

'Year I of Antoninus and Verus the lords, Mesore 22nd to 23rd, 7 th hour of the night. Sun in Leo, Moon and Saturn in Scorpio, Mars and Mercury in Virgo, Jupiter in Taurus, Venus in Cancer, Horoscope in Gemini, good luck.
I seqq. L1. 5 -Ir were written first, and then the date added in ll. I-4, which were crammed into the space of two ordinary lines. The given date I a.m. I6 Aug., A.D. I6I for the recorded positions agrees exactly with that reached by computation (information from Otto Neugebauer, who is to

4 Possibly $\tau \hat{\tilde{n}[c}$ vขктóc) or $\tau(\hat{\eta} c) \nu(\nu \kappa \tau \dot{c})$ should be read,
${ }_{7}$ Or possibly Пapөéч $\varphi$.

## 2557. Horoscope <br> $12.5 \times 8.7 \mathrm{~cm}$.

Third to fourth century
A horoscope for 21 September, A.D. 278 : one or more lines are missing at the foot. Ll. I to 3 have been strengthened on the back with an additional strip of papyrus.

The reverse bears six or more lines of cursive, written along the fibres and very much faded. These lines seem not to correspond exactly with the line-ends which can be seen on the strengthening strip (though the writing may well be the same): the reinforcement was probably added when the papyrus was reused for the horoscope.

As often in horoscopes, the hand is ambitious and carefully written, but inconsistent. The writer seems to have aimed at the style in which $\epsilon \theta$ o c are tall, narrow, and straight-backed: but his $o$ is as often small and round. $\mu$ has a deep bow; $\omega$ is large and rounded. $a$ has the cursive form; $\eta$ and $v$ appear in both cursive and capital shapes. The writing is along the fibres.

I am indebted to Mr. G. J. Toomer for the following astrological notes.
'Horoscope for +278 , 2I September (3rd hour):

|  | computed | text | $\Delta$ |
| :--- | :--- | :--- | :---: |
| Sun | Virgo $28^{\circ}$ | Libra | $-2^{\circ}$ |
| Mercury | Libra $8^{\circ}$ | Virgo | $+8^{\circ}$ |
| Venus | Libra $9^{\circ}$ | Libra |  |
| Mars | Scorpio $29^{\circ}$ | Scorpio |  |
| Jupiter | Aquarius $25^{\circ}$ | (Missing) |  |
| Saturn | Scorpio $18^{\circ}$ | Scorpio |  |
| Horoscope | Scorpio $7^{\circ}$ | Scorpio |  |

(Horoscope calculated with Theon's Handy Tables, third clima; the rest with modern tables.) Agreement is perfect except for the sun and Mercury. In the latter case the error is largish, but Mercury is a fast-moving planet and would be in Virgo seven days later; such a discrepancy would be easily possible with ancient tables.'

<br><br>$\check{\omega} \rho a \gamma$ $\gamma \dot{\eta} \mu \dot{\epsilon} \rho a[c$<br>${ }^{\circ}$ Hдıoс Aфpooín<br>$5 \quad Z v \gamma$ ¢̣ ' $\Omega \rho о$ (ско́тос)<br>Кро́voс ААрךс Скортіш<br>

'With good fortune. Nativity of .... Probus year 4, Thoth 24, 3rd hour of the day. Sun, Venus in Libra. Horoscope, Saturn, Mars in Scorpio. Mercury in Virgo. ..
If .....: the traces most resemble jaw, followed by the eet of two uprights (e.g. ' $\mathrm{S}_{\mathrm{p}!}!$ ). Yet the At the line end there is space for two letters, and then the papyrus
$2 \&$ : the sign resembles a $\rho$ with a curling tail, cut by an oblique stroke just below the head. Of

$\theta[\omega] \theta \overline{\kappa \delta}$ : the first $\theta$ is certain, and determines the month; $\kappa$ is just discernible, and has astronomical confirmation (the sun would not be in Libra on Thoth 4 or I4).-The spacing perhaps favour $\Theta\left[\hat{o}^{\circ}\right]$.
$7 E_{\rho \rho \mu}[\hat{\eta} c]$ : the space allows ' $E_{\rho p} \mu\left[\hat{\eta} c Z_{\in \in} c\right]$ : but it is the scribe's custom to leave a gap after the first
word of the line. (And of course such a reading would be astronomically false.)

OFFICIAL DOCUMENTS OF THE ROMAN AND BYZANTINE PERIODS
2558. Edict of Clodius Culcianus

$$
13 \times 9.5 \mathrm{~cm}
$$

c. A.D. 303-6

This fragmentary edict announced some measure of the tetrarchs; the details are obscure. The text is written along the fibres in a hand which, at its best, approximates to the chancery style: this is the more interesting because the heading $\dot{\alpha} \nu \tau i m$
 Mus. Helv, xiii (1956), p. 236.

$$
\text { (2nd hd.) } \dot{a}(\nu \tau i y \rho a \phi o \nu) \epsilon \in \xi \vec{\alpha}(\nu \tau \iota y \rho a ́ \phi o v)
$$






 [...]. . a. [..]. ......]a, єк. .[...........]... [ k[.].kev. [. .] .[.]. $\qquad$ ..].[ єәoк.[
ro [...]...[

## 

'Clodius Culcianus The most eminent prefect of Egypt says: the divine forethought of our allconquering emperors, the Augusti and the most illustrious Caesars, is anxious... not only the citizens of each city but also those who come from . . . they have thought good . . . an edict. . . .'
I Kגdóroco Kov̀nctavós: the known limits of this prefecture are 28 Feb. 303 and 29 May 306 (Lallemand, Annuaire de l'Institut de Philologie et d'Histoire Orientales et Slaves xi (1955), pp. 186 seqq.;
Hübner, Der Praefectus Aegypti ro8). Diocletian and Maximian abdicated on I May 305 : it is not clear which set of tetrarchs is referred to in 11. 2-3.

2-3 The traces at the beginning of 1.3 exclude a genitive termination: the emperors were not med. Accordingly, no supplement in 2 will much exceed the 20 letters required in 1. I. We can
 choose between avion (cf. P. Cair. Isid. $5 \cdot 4-5$ ).
4-5 'Not only the metropolites but also those who come from villages'? The contrast as in P. Cair. sid. 1. 15-16. Cf. Taubenschlag, Law² 594 , note.
6 [. .] $k a \pi \xi s i \omega c a v$ : this awkward spacing is hard to avoid, unless $\kappa$ was extraordinarily large.
2559. Letter of Arrius Eudaemon

$$
9.5 \times 22.8 \mathrm{~cm}
$$

This interesting letter comes from official circles, and its style reflects the fact: the studied construction of $11.5-8$ and the sperrung in 11. 9-II are quite out of the ordinary. The text is written along the fibres: the main hand, upright and informal with many ligatures, recalls Greek Literary Hands 17A, and the hand of the cursive subscription also points to the second century. On the verso stand the address and a docket, the first word of the address in a chancery hand. The completed letter was folded six times from right to left. At the time of folding, the ends of 11. I-2 were still wet: presumably these lines were written last.
${ }^{*} A \rho p \iota o c$ Ev̉daíp $\omega \nu$ पוоvvcíwt
$\tau \hat{\omega} \iota \dot{\alpha} \delta \epsilon \lambda \phi \hat{\omega} \iota \quad \chi \alpha i \rho \epsilon \iota \nu$.
таúтך $\tau \rho \omega ́ \tau \eta \nu ~ \kappa \alpha i ~ \mu o ́ v \eta \nu ~$

5 Саратьакоиิ. [o้] $] \iota$ ठє̀ аủто́c $\tau \epsilon$


$\kappa \alpha \lambda \omega ̂ c \pi о \iota \epsilon i ̂ c . \pi \rho о с \delta о к \hat{\omega} \delta \epsilon ́$


pi $\tau$ ท̂c cu $\mu \phi \omega \nu i ́ a c$ є́ $\pi \iota \subset \tau \alpha \lambda$ év $\tau \alpha$.


$\rho ı \lambda \lambda$ ovc $\pi \rho о с а \gamma о ́ \rho \in v \in \kappa а і ~ \tau \eta े \nu$
${ }^{5} 5 \mu \eta \tau \epsilon \in \rho \alpha[C \tau \epsilon \phi \alpha \nu \circ \hat{v}] \Delta \eta \mu \eta \tau \rho \circ \hat{v} v$.
 $\tau ц \mu \dot{\epsilon} \tau \alpha \tau \epsilon$.
Verso (3rd hd.) $\Delta t o v v c i ́ \omega t ~(I s t ~ h d . ?) ~ a ̉ \delta \epsilon \lambda \phi \hat{\omega} \iota ~ c \tau \rho \alpha(\tau \eta \gamma \hat{\omega} \iota) A \pi o \lambda \lambda(\omega \nu o \pi o \lambda i \tau o v)$ (4th hd.) $\pi(a \rho \grave{\alpha}) A_{\rho \rho i o(v) ~ E v i \delta a i \mu(o v o c) ~}^{\prime}$

'Arrius Eudaemon to Dionysius his brother, greetings. This is the first and only letter I've had from you-the one Sarapiacus brought. I am glad that you yourself keep well, and apply yourself
to your work, and share my happiness at my recovery. I expect you will be coming, in accordance with the instructions which the Idios Logos recently issued about the agreement. My wife and children send you their best wishes. Present our compliments to . . . and your mother Demetrous. (2nd hd.) I pray for your health, most honoured brother.
(Verso) 'To Dionysius my brother, strategus of the Apollonopolite nome.' (Docket) 'From Ans Eudaemon.' 39 seqq.).

 I3-I4 Tov..vpi $\lambda \lambda$ ove: two letters stood after tov; the ink is clear, but I cannot identify them in this hand. rovis Kupi $\lambda \lambda$ ouc can be read only by assuming a malformed or corrected $c$ and a quite anomalous $\kappa$.
need mean no more this slip makes it clear that the two men were not literally brothers. ád $\delta \boldsymbol{\text { in }} \boldsymbol{\phi}$ óc Verso. Henne lists no Dionysius as strategus for either Apollonopolite nome (Liste des Stratèges I $^{*}-2^{*}$; 2-3) ; nor does Mussies, P. Lugd. Bat. xiv 15.
2560. Official Letter

$$
14 \times 20 \mathrm{~cm}
$$

A.D. 258

By this letter the strategus of the Lycopolite nome requires the strategus of the Hermopolite to arrest and deliver a certain doctor to his agents, who presumably carried the letter. The writer had first applied to the acting-nomarch of Antinoopolis and a doctor of the same name as the wanted man had been arrested in that region and sent to Lycopolis. It then came to light that the man in question was to be found in a village of the Hermopolite nome. Most of the details of the case are lost in the extensive damage. There are traces of an address which ran downwards along the fibres of the verso but it is now illegible.

 [ $\mu$ отолі̀iтоv $\tau \hat{\varphi}]$ ] ф! $\lambda \tau \alpha ́ \tau \omega$
$\chi \alpha i \rho \epsilon \iota \nu$.

 [.........................].[.] $\omega$. .ov[...]..[..]arva..[ [................].[......] ] $\lambda \eta \eta[. . . .$. .].[..]. aï.[..].[
$\kappa \alpha .[, \ldots . . . ..] \kappa \alpha \iota,[\ldots .],. v[..] \pi, \tau \eta \omega c, \alpha, \delta . . \omega$







 Ca $\lambda_{l} . \circ v .[. . . . . ..] .[.] \rho \alpha .[. . . . . . ..] \eta \nu \alpha \delta[. . . . . . . .].$.
 $\lambda_{0 \chi[.] .[. . .] . \gamma v \omega[.] \eta \rho .[. . . . . .] r \eta c o ̣ v c e t .[. . . . .] \omega c . ~ . ~}^{\kappa \in[ }$
$20 \lambda \epsilon[\ldots ..] \operatorname{Tov}[..] \eta[. . . ..] \epsilon \pi .[\ldots] . \omega[. . ..] . v \delta[.] v a ..[$


$$
\text { фìд } \tau \alpha \tau \epsilon
$$





Mecopク̀..
'. . . aeus, also called Laetus, strategus of the Lycopolite nome, to Aurelius Chaeremon, also called Spartiates, strategus of the Hermopolite nome, his very dear friend, greeting.
. Publius, or however else he is styled.
'. . . to Aurelius Horigenes, also called Apollonius, acting-nomarch of Antinoopolis, and he, in accordance with his duty, finding another doctor with the same name as the wanted man, sent him here. But he said that the wanted man was in the village of Pokis in the upper toparchy of Koussae in the nome under your control. You will do right in accordance with your duty if you hand the
wanted man over to Koulos, son of Thatres, and As (2nd hd.)' 'I pray for your health, Thy very dear friend. son of Nilus....
(3rd hd.) 'In the fifth year of the Emperors Caesars Publius Licinius Valerianus and Publius Iicinius Valerianus Gallienus Germanici Maximi Pii Felices and Publius Licinius Cornelius Saloninus
Valerianus, the most noble Caesar, Augusti. Mesore, Ith,

I Aaitoc: a new strategus. The name is rare; Preis. $N B$ has only one reference to it not in the name of the prefect Q. Maecius Laet
de Papyrologie ii (rg62), p. 40, 1. 21.

2 Spartiates was already known as strategus, but less precisely dated, from P. Princ. ii 30. He was presumably an Oxyrhynchite, cf. P. Ryl. 683, 4, 21264 and perhaps 2107 3, 21396,2140 2. In 2108 of A.D. 259 his name is perhaps to be restored in the first line, where the edition has Avp ${ }^{2} \lambda \mathrm{toc}$
 ghough this seems rather long for the space. $\left.4 H_{0}\right]$ úndeoc: it is not clear who this was but it is perhaps more 7 rac $[\tau \rho]$ ] [ seems not unlikely, but I cannot confirm it.
$8^{\circ}$ I ${ }^{\circ}$ ptevect: a new (acting-) nomarch; perhaps the same man as no. 7 I 5 in Pistorius, Indices 8 Sptvéve6: a new (acting-) nomarch; perhaps the same man as no. 715 in Pistorius, Indices
Antinoopolitani (p. 38), but the inscription referred to (IGRR II43) is about twenty-seven years earlier, c. A.D. 232. The reference there to IGRR Io7o is false and I have not been able to correct it. vecitnc dve in I. Vergote, 'Toponymes anciens et modernes du nome Ifermopolite', Studi CalderiniParibeni, p. 384 .

I6 ${ }^{2} A \subset[$.$] . \epsilon \tau 6$ : not in Preis. N.B.
$\Pi_{\epsilon} \beta \omega \nu$ : not in Preis. NB, but cf. $\Pi_{\epsilon} \beta \hat{\eta} c, \Pi_{\epsilon} \beta \hat{\omega}$ c
${ }^{17}$ Cade.ov: perhaps the grandfather's name but I cannot identify it. $\kappa$ is a possibility-the trace is an upright close to $\imath$-and a Cai, $\kappa[$ is known from SB 5335, I.
${ }^{19}$ т $\hat{c} c$ but I cannot see anything to confirm this.

23 The date is in a more cursive hand than the body of the letter but it may be by the same scribe.
2561. Official Letter from Hierax to Herculanus

$$
18.5 \times 20 \mathrm{~cm} . \quad \text { Between A.D. } 293 \text { and } 305
$$

This letter is written with a fine pen on papyrus of excellent quality in a handsome sloping cursive hand showing strong Latin influence; its language contains a high proportion of Latin words, some of which appear here for the first time in a Greek text. The reference in l. 15 to Galerius as 'Maximianus Caesar' dates it between 293, when he became Caesar, and 305, the year of his accession as emperor. The writer was evidently an official of high standing; ${ }^{\text {t }}$ the fact that he puts his name after that of the addressee implies that the latter was of even higher rank, or at least his equal (see Bell, Martin, Turner, and van Berchem, The Abinnaeus Archive, pp. 22 seq.). In 11.4 seq. the writer speaks of a praepositus as $\tau \hat{\varphi} \kappa v \rho i \varphi \mu \nu \nu \dot{a} \delta \in \lambda \phi \hat{\omega}$; there is further mention of praepositi in connexion with petitiones and delegationes in 1.9. The nature of the matters with which the writer is concerned suggests that the praepositi mentioned
 $\Theta_{\eta} \beta\left[{ }^{\prime}\right.$ i $\left.0<c\right]$, the writer of $P$. Lond. I260, a peremptory letter (the date of which is missing) to the
strategus of the Hermopolite nome about shipbuilding requirements, which he has published in strategus of the Hermopolite nome about ship building requirements, which he has pubished in
full as an appendix to Papyri from Panopolis in the Chester Beatty Libvary, Dubtin, pp. I53 seqq. He has subsequently decided against the identification on the ground that 'IÉf $\rho$ a's would hardly fill the lacuna; see ib., p. 154.
here are military commanders rather than civil officials, with duties comparable with those in which we find Flavius Abinnaeus and his colleagues engaged later in the fourth century; for their responsibilities in connexion with the collection of the annona, see the introduction of The Abinnaeus Archive, pp. 16 seq.; van Berchem, L'Armée de Dioclétien et la réforme constantinienne, pp. 7o seq.; the present text supplies interesting information about the preliminary mechanism of these exactions. References to military praepositi as early as this or earlier are not uncommon in the papyri. P. Thead. 4 (A.D. 307 ) mentions one in command of the camp at Narmouthis in the Fayûm at a date close to that of our document; the Latin papyri from Dura have frequent references to military praepositi in the third century.

$$
\begin{aligned}
& \epsilon \hat{v} \pi \rho \alpha ́ \tau \tau \epsilon \iota \nu .
\end{aligned}
$$










$\epsilon \in \pi \epsilon \mu \phi \theta[$
(c. I7 letters)
]..aта.[.]..... страт [...].
$\pi \rho о с т \alpha ́\{̧ a t$.
(c. 30 letters)
]. $\in \nu . . \in$

$$
\epsilon \pi \tau \circ \text {.[.] }\left[\begin{array}{lll} 
& \text { (c.23 letters) } \quad \text { u'a } \tau 0 v] \text { § } \omega \nu a \tau i o v ~
\end{array}\right.
$$








$$
\mu \in \tau \dot{\alpha} \tau \hat{\omega}[\nu \phi \iota \lambda] \tau a ́ \tau \omega \nu \delta!\grave{\alpha} \pi \alpha v[\tau o ́ c] .
$$

Verso: $\quad$....... $\times{ }^{\alpha} \delta \in \lambda \phi \hat{\varphi} \quad{ }^{\dagger} H_{\rho \kappa \kappa}[$ ov $\lambda \alpha \nu \hat{\varphi}$.
I i $\epsilon \rho a \xi$
6 After $\chi \rho \eta$ : bottom of diagonal : $\gamma, \eta, \kappa, \lambda, \mu$, or $\pi$. After first lacuna: top of tall upright with loop, above line, the rest of which is lost; $\eta$ likely, but $\epsilon$ or $\iota$ possible; see comm. $] a \delta \dot{0}$ :
the first $a$ is of the type (with long tail) generally (but not always) used at the ends of words in this
 haps no letter lost before the next, read by us as $\theta$, made large as in 1.20 . After first lacuna, probably Inझara; next : bottom of diagonal. After this, narrow letter or perhaps nothing lost. Then probably $\epsilon_{\text {. }}$

 could be $\eta$ or $\pi$; second $\tau$ or $v$ Before lacuna : trace of diagonal horizontal stroke.
(Ll. I-I2) 'To my lord and brother Herculanus: Hierax, best wishes. When I received your letter, my lord and brother, I made festival. But, as I have made clear to my lord our brother Heliodorus the praepositus through a public dispatch, ... on account of (?) the divine fortune of our masters and of the most glorious Caesars; since, however, it is the order of my lord the most illustrious Catholicus that the praepositi shall send the applications to me, and (that these shall be forwarded) by me to
the Catholicus' officium, so that the delegationes (may be?) sent out by my lord the most illustrious Catholicus . . . ' (ll. I4-2I) '. . . one for the birthday donative of our lord Maximianus Caesar, another for stipendium of the first of September, and the third for salgamum, the applications have been delivered to my lord the most illustrious Catholicus; when the (de)legationes arrive, they shall be dispatched to you by me immediately by courier. May the gods preserve you with all those dearest to you continually.' (Address:) '. . . to his brother Herculanus'.
$2 \in \hat{\delta} \pi \rho \alpha{ }^{\prime} \tau \tau \epsilon \nu$ : a form of greeting found occasionally at various dates in the Roman period, at the beginnings of letters (in place of the more usual גaípelv): 822 (c. A.D. I) ; 17706 (3rd cent.); P. Ross.80,2 (4th cent.); PSI 207, also from Oxyrhynchus and dated by its editors to the third or fourth
 834.

3 seq. тavíproptv: for metaphorical uses of the word, see LSJ, s.v. (i 3 ).

 must be noted, however, that the trace of a tall letter which might be read as $\epsilon$ (see textual n.) leaves extend above the line, as it generally does in this hand. Or possibly $\chi \rho \dot{\eta} \mu^{\mu}{ }^{[ } \epsilon \nu$; but if so we cannot complete the restoration.
9 $\begin{aligned} \\ \text { тerviovac: } \text { : Youtie suggests that this word is equivalent to airncuc, and represents an applica }\end{aligned}$ tion of which the delegatio is the result.

9 seq. It seems inevitable to assume an anacoluthon here; see the translation. We owe the reading $\pi \rho\left[\begin{array}{c}0 \\ \hline\end{array} c \mu \in \tau \dot{a} s\right.$ to Youtie.


 this would suggest that it was about August.

I7 calyáaov: this is the Latin salgamum, for which see Cod. Theod. 7, 9, §§, I seqq.; Cod. Just. I2,
; both have the heading De salgamo hospitibus non praebendo; the latter bein. 'Ne 42; both have the heading De salgamo hospitibus non praebendo; the latter begins: 'Ne quis comitum vel tribunorum aut praepositorum aut militum nomine salgami gratia, id est, culcitas lignum oleum
a suis extorqueat hospitibus.' Skeat points out that it occurs in Greek also in P. Chester Beatty Panop. 2, 246;286; both passages relating to the issue cic càyáuov dóyov of oil and salt to military units. cadyauapıкóc is found in P. Ross.-Georg. iii 38, II seq. (6th cent.): see the editor's note there, p. 160; and (on salgama, calخapápoce, and related words) L. Robert, Hellenica xi-xii ( I 960 ), pp. 39 seqq. ; M. Besnier in Daremberg-Saglio; A. Hug in P.-W. RE (r920), s.v. Salgama.
2562. Extract from a Report of Proceedings

$$
27 \times 25 \mathrm{~cm} .
$$

After A.D. $33^{\circ}$
This text is written on the verso of 2570 (dated 329), along the fibres, in a fluent but inelegant hand. It consists of the latter part of an extract from some proceedings in which, after the reading of a pronouncement by the Prefect Flavius Magnilianus, of which only the end is preserved, an authority whose designation is probably to be expanded to $\delta \lambda_{0} \gamma_{0} \theta($ é $\tau \eta c)$ is interrogating four peasants. Professor Youtie (to whom a number of readings and suggestions are due) interprets the situation as follows: Didymus (11. 7;9;1I) was the tax collector, but the four peasants were responsible for the collection in their village; they have been charged with collecting more than they have turned over to Didymus; and their answer-that at any rate they have produced the full amount of taxes which they were required to raise-is an evasive one, though perhaps not unsatisfactory from the government's point of view. The literal citation ends in 1. II and the writer sums up the results of the case. In the concluding clause the writer of the extract seems to be quoting himself; unfortunately the mutilation of 1. $x_{5}$ makes the point of his remark obscure.

> ].[...].[.]..........




 Фגaovíov Mayvinıavoû






 [crov́-]

 $\tau \omega \nu$.



 is certain. Then a diagonal: $\lambda$, $v$, or $\chi$; this is followed by traces of probably four letters. After $\varsigma$; perhaps .є.. I5 l. єirov? The writer apparently began to write einouev
'. . if he produces the proofs of the . . . which took place under . . . Farewell.' After the reading, the auditor (?) said: 'What do the peasants who are present, Serenus and Petronius and Chōous and Horion, say? You have heard the ordinance of my lord the most ilustrious Prefect of Egypt, Flavius
Magnilianus, and what has been deposed by Didymus in the memoranda, that he has received in full his charges in kind; depose yourselves therefore what you exacted besides this, beyond the demands made upon you by Didymus.' The aforementioned peasants answered: 'Whatever we were assessed in the government account, we paid; and we are satisfied for ourselves ....' And the deposition of Didymus and that of the peasants are entered in the memoranda; for the ordinance of my lord the most illustrious Prefect ordaining that the sums which were actually owing should be paid up, this was done according to directions; as I said (?) . . . parts in (the) memoranda.

3 uño, к. $\tau . \lambda_{.}$: for a possible reading of the doubtful letters, see textual note. No official of this name, whatever his function may have been, is known from elsewhere.
aipécecec: we can propose no satisfactory interpretation of the word here.
 passim; and especially their note on p. 225 ; also P. Rend. Harris $160, \mathrm{I} 3$.
ed is mentioned: BGU 77;245;969; Mitt. Chr. ii $87=$ P. Lond 196 , correctich a functionary so p. 435 ; Chr. ii $88=$ P. Cattaoui (Archiv iii, pp. 55 seqq.); to which must be added SB (the latter first published by Boak in JEA xviii, pp. 69 seqq.). A mention of the word from the fift century, in P. Strassb. 35 , is uninformative. The function of the doyotéryc, 'auditor' or 'scrutineer', who appears as a person of some standing specially appointed in cases demanding financial investiga tion, is discussed by Meyer in Archiv iii, pp. roo seqq.

6 Фגaoviou Mayvhacavou: evidently the same as Magninianus 'the Cappadocian' mentioned in St I366); see Vandersleyen, Chronologie des prefetets d'Egypte de 284 à 395, p. I4. Since these texts of Athanasius are extant only in Syriac, from which the name Magninianus is transliterated, the spelling of it here is probably to be preferred.

8 aỷrov̂: as Youtie remarks, the pronoun looks odd here, but the reading is certain.



2563．Petition to Epistrategus

$$
7.2 \times 27.3 \mathrm{~cm} .
$$

c．A．D． 170
Sarapion，intendant of the priestly tribes in Oxyrhynchus，has a story of violence and theft，which he here presents for the third time．His narrative is written on damaged papyrus in a notably cramped and ugly hand；at the end it degenerates into asyndetic notes．What we have，therefore，is probably just a draft．

Акилí $\omega$ Kалит $\omega \lambda$ єiv $\omega$ $\tau \hat{\varphi} \kappa \rho a \tau i c \tau \omega \in \dot{\iota} \pi \iota \subset \tau \rho\left(a \tau \eta \eta^{\prime} \varphi\right)$. тара̀ Саратíwvoc＇I $\epsilon$＇

$5 \pi o ́ \lambda \epsilon \omega c$ €̇ $\pi \iota \mu \epsilon \lambda \eta \tau \circ \hat{v}$
Capartióv фvخ⿳⺈⿴\zh11 каi $\tau \omega ิ \nu$
$\alpha{ }^{\alpha} \lambda \lambda \omega \nu \quad i \in \rho \omega \nu \quad\{\kappa \alpha i\} \tau \eta ̂ c$
$\pi o ́ \lambda \epsilon \omega c$ ，є̇vє́ $\tau \cup \chi$ о́v
coı，кv́pıє，$\delta i a ̀ ~ \beta \imath \beta \lambda \iota \delta i o v ~$
10 ȩ́ıov̂róc cov кail vimé－
с $\chi$ ข $\check{\omega} c \tau \epsilon$ ảvóтє $\mu \psi \alpha \iota$
т $\alpha \beta \iota \beta \lambda i \delta \iota \alpha$ каì $\mu \in ́ \chi \rho \iota ~ \tau о u ́-$
rov oủk $\dot{\alpha} \nu \in \delta \delta o ́ \theta \eta \mu$ о
$\pi \epsilon \rho \iota^{\prime} \tau \epsilon \ddot{v} \beta \rho \epsilon \omega \varsigma \dot{\eta}$.
wroc Slovvcoó $\omega$


$\beta \alpha с \iota \lambda \iota \kappa \widehat{\varphi}$ үра $\mu \alpha \tau \epsilon \hat{\imath} \delta \iota \alpha-$
－$\delta \in \chi о \mu e ́ v \varphi$ каi тà катà

$\nu \eta \eta_{\gamma \kappa \alpha c \epsilon \nu}$ ย์vi $\tau \hat{\omega} \nu \pi \epsilon-$


$25 \pi \epsilon \rho i \notin \epsilon \in \grave{~} \delta \alpha^{\prime} \theta \epsilon \subset \iota \nu \pi \epsilon \rho i$

v̈ $\beta \in \omega с$ ，каі $\pi \rho о с ф \omega ́ v \eta$－
сıс $\grave{a} a \tau \rho \circ \hat{v}$ є่ $\pi \eta к о \lambda o v ́ \theta \eta-$

2563．PETITION TO EPISTRATEGUS

траv $\mu$ át $\omega \nu$ ．ov̉ $\mu o ́ v o v$
 $\mu o v$ каì Tク̀̀ трофòv aủ－
 тov̀c $\pi \lambda \eta \gamma a \hat{\iota} \subset \epsilon \nu . .[.$.
35 $\kappa \lambda \eta \rho о \nu о \mu i a c$ v．．．［．$\dot{\epsilon} v$－］
 $\psi \in \nu \tau \hat{n}{ }^{`} H \rho \hat{\alpha} \tau \iota \delta^{\circ} \alpha \dot{\alpha} \delta \epsilon \lambda \phi \dot{o} c$ aủvทิc Capaniwv $\mu \epsilon \tau \grave{\alpha}$

40
 стои̂ тò $\gamma \rho a ́ \mu \mu \alpha$ ఱ̈стє av̉－
 จข゙т $\omega c$ ov̂v av̀ $\theta a ́ \delta \omega c ~ \chi \rho \eta$－

 $\kappa a \tau \epsilon ́ \phi v \gamma o \nu$ тò $\nu \alpha \alpha ́ v \tau \omega \nu$
 ảкои̂caí $\mu$ ov трòc av̉тóv． ov̉ $\epsilon \mu i a \beta i a \quad \gamma \epsilon i v \in \tau \alpha u$
 то仑̂ кvpiov $\mathfrak{\eta} \mu \omega \hat{\nu}$ Avjp $\eta \lambda i ́ o v$ $\mathfrak{A}[\nu \tau \omega \nu \epsilon i v o]$ ккаícapoc $\tau \circ \hat{v}$ ［．．．．．．．．．．．．．］．$\eta$ є่тıстра ［．．．．．．．．．．．．．］$]_{\mu \epsilon}$
55

＇To Aquilius Capitolinus the most excellent epistrategus，from Sarapion son of Hierax，from
＇the Oxyrhynchus，intendant of the tribes of the Serapeum and of the other temples of the city，I ap－
pealed to you，lord，by petition requesting you－and you promised to send the petition up， pealed to you，lord，by petition requesting you－and you promised to send the petition up，
and so far it has not been returned to me－about the outrage which was done me by Ploution son of and so far it has not been returned to me－about the outrage which was done me by Ploution son of
Dionysodorus and his son－in－law．I also appealed to Heraclides the royal scribe，who was also acting Dionysodorus and his son－in－law．I also appealed to Heraclides the royal scribe，who was also acting
strategus，and he had one of the aides on his staff，Thrasyllus，look over my condition in respect of the outrage done me，and there followed a declaration by the doctor about the wounds I had then－ it was not only me but also my son and his nurse Heras，he maltreated them with blows because of
document was registered through the archidikastes so that she inherited．This then was the arrogant reatment with which this villager attacked us．Ihavesoughtshelter with you，the saviour and benefactor of all，to hear my case against him．Let no violence occur in the so happy days of our lord Aurelius Antoninus Caesar ．．．．＇

 elongs to the same period：see Martin 1．c．，note I，and（on the royal scribe Serenus）Henne，Liste des Strateges 68.

5－8 I have found no parallel for this title．Epimeletai were usually appointed to a single temple： for the property of Jupiter Capitolinus at Arsinoe（W．Chr． 96 ：A．D．215），for the Hermeion of Memphis （P．Thead．34，I4：A．D．324），for an unidentified temple at Arsinoe（P，Strassb． $72, \mathrm{I}-2: 3$ rd cent．A．D．）． f．，for the cult of Ptolemy Soter at Coptos，P．Fouad Inv． 2 Ir i 2 2r－22（BIFAO 4I，47）．Our text makes Severus ：contrast Oertel，Die Liturgie 284；W．Chr．p．I25．

 II－I2（ 7 th cent．）．I have followed Youtie in deleting кal．

Io éstov̂vróc cov：understand dástoôvróc ce rather than ékiovróc（or ảgtov̂vróc）cov
18－19 This scribe is not in the lists of Henne and Mussies（P．Lugd．Bat．xiv）．
 tive reasserts itself with $\Theta$ oácu入hov

23 The aide served as official witness at the medical examination：$J J P$ xi－xii（ $1957-8$ ） 163 ．
27－28 тросф́́rncic iatpov̂：see P．Oslo iii 95 and P．Merton ii 89 ，introductions；$J J P$ vi（r952）， pp． 263 seq．；Symb．Taubenschlag i 182 seqq

39 seqq．On this function of the archidikastes，see Koschaker，＇Sav．Zt．，$R A$ xxix（（x908），p． 2. 44 The contrast of $\kappa \omega \mu \dot{\prime} \tau \eta$ c and mo入lfic occurs in the and－cent．tax list PSI 819．8－10，but it is not mmo ${ }^{8}$ ．
could write ひ̈коисаи，i．e．$\ddot{\alpha}^{\prime \prime}$ кочє，an aorist imperative（Kapsomenakis，Voruntersuchungen 28 seq．）． Or is the form too vulgar for this writer？



 remains awkward．

2564．Notification of Death

$$
7.2 \times 12 \mathrm{~cm} .
$$

A．D． 154
A document of a type well represented in the papyri；see O．Montevecchi， Aegyptus xxvi（r946），pp．III seqq．，for an analysis of examples．${ }^{1}$ Written in a small cursive hand along the fibres；the verso is blank．（Read with Mr．A．Schachter，to whom the notes are due．）
$\Theta \epsilon \sigma \notin \dot{v} \epsilon \iota \tau \hat{\varphi}$ каі $\langle\alpha \delta \iota \kappa \eta \nu \hat{\omega}!$
र $\alpha \mu \mu \alpha(\tau \epsilon \hat{\imath})$ то́лє̣чс


5 छ̀рv́$\gamma \chi \omega \nu$ то́ $\bar{\epsilon} \omega c \mu \in \tau \grave{\alpha}$ кvрíov






каї ỏ $\mu \nu v$ v́ш Av̉токра́тора Kаісара
Títov Aỉ入ıov Aठpıavọ̀

$\dot{\alpha} \lambda \eta[\theta] \hat{\eta} \in \hat{i} \nu \alpha \iota \tau \alpha \dot{~} \pi \rho \sigma \gamma \in \gamma \rho[\alpha \dot{\alpha} \mu \mu \in \nu] \alpha$ ．


$C_{\uparrow} \in \beta a c ̧ \tau o \hat{v} E \hat{u} c \in \beta[o \hat{c} c] A \theta \grave{\rho} \overline{\kappa \epsilon}$ ．
＇To Theogenes，also called Ladikenos，scribe of the city，from Agathoclea，also called Apollonia， daughter of Ischyrion，of the city of Oxyrhynchus，with her guardian，her son Ischyrion，son of Theon．My slave Sarapas，who had no trade，and was registered in the quarter of the Hermaeum， died in the present month of Hathyr．Wherefore I request that he be inscribed in the list of such persons，as is proper；and I swear by the Emper
that the foregoing statements are true．＇（Date．）

I $\Lambda \alpha \delta \iota \kappa \eta \nu \omega \nmid$（sc．$\Lambda \alpha(o) \delta$.$) ：not found elsewhere as a proper name；as adj．，see Pape，Gr．Eigen－$
 （1．21）． 964 （rrd cent．A．D．）

 12637

${ }^{\text {I }}$ See P．Mertens，Les Services de l＇Etat civile à Oxyrhynchus，pp．67－77．

$$
16 \times 12 \mathrm{~cm} .
$$

This item is composed of two documents stuck together side by side, the right edge of the larger overlapping the left edge of the smaller. The second seems to have been less tall than the first because its top edge finishes more than a centimetre below the top of the other. Both are broken at the foot and on the side opposite the join.

The first document records a professio made by a Roman citizen before the prefect of Egypt in Alexandria declaring the birth of his son. Its form is paralleled by 894 and a tablet published by Guéraud in Et. Pap. vi (1940), pp. 2I-35. These two contain below the Latin a declaration to the same effect in Greek- $\dot{\alpha} \pi о \gamma \rho \alpha^{\prime} \phi[\rho \mu \alpha \iota$ viój $\mu \circ<\gamma \epsilon \gamma \epsilon v \hat{\eta} c] \theta a \iota$ (combined text) -and the tablet also has the copy of a subscription which was evidently made on the original submitted to be filed in the prefect's archives. Guéraud suggested (1.c. pp. $3^{2}$ seq.) that his text was the father's certificate of having made his declaration.

The adjoining document seems-though I have not deciphered it fully-to be one of the same type, recording a professio made in the same consulship for the birth of a daughter. Because nearly three years elapsed between the birth and the registration in the first document, it is possible that the daughter was of the same family, but the time of the year seems to have been different ( $v, \mathrm{nn} ., 11.14-15$ ) and the writing certainly is, so that it is more likely that this piece is part of a roll of declarations made up in some government office than that it is, for example, a private collection of certificates for children of the same family or part of a lawyer's file. The copies filed in Alexandria have no business to be in Oxyrhynchus, so that these should be from a local government office. It is possible that they have some relationship with the $\dot{v} \pi о \mu \nu \eta \dot{\eta} \mu \alpha \tau \alpha \dot{\epsilon} \pi \tau \gamma \epsilon \nu \nu \eta \in \epsilon \omega c$ submitted for tax purposes to the city officials (Mertens, Services de l'état civil . . . à Oxyrhynchus 48 seqq.).

The first document is incidentally of interest because it is the first to refer to the prefect M. Aurelius Epagathus and gives a firm date for him which differs by several years from the conjectural one given in the lists of prefects. This is important evidence for the date of the death of Ulpian. Epagathus was the chief instigator of the murder of Ulpian and was so powerful in Rome that he could not be punished there. He was removed to Egypt by his appointment as prefect and from there was taken to Crete to be executed (Dio lxxx 2, 2-4). It follows that Ulpian was murdered before the date of this declaration (May/June 224). This justifies Howe's preference for c. A.D. 223 as the date of the murder (The Pretorian Prefect 100-5), dismisses the traditional date of $c$. A.D. 228, wrongly based on Dio, and rebuts Reinmuth's arguments against Howe (AJP lxv (r944), pp. I97 seqq.). It is now reasonable to suppose that Epagathus was the prefect whose work was taken over by the iuridicus Tiberius Claudius Herennianus, see P. Harr. 68, Stein, Die Praefekten 128 seq. P. Harr. 68 is dated 12 January, A.d. 225 , from which it seems likely that the petition recited inside the document was
delivered to Herennianus in A.d. 224. Quite probably Herennianus' name is to be supplied in the second declaration here (Tiberị [1. 5), which is also dated A.D. 224 (1. r).

Iuli]añ[o] et Crịspinọ co(n)s(ulibus)
an]n[o $]$ II Imp(eratoris) Caesaris Marci Aureli
Seve]rị Alexanḍri Pii Felicis Aug(usti)
men]ṣe Pauni diẹ .
5 Alex]a[nd]r(iae) ad Aeg(yptum)
apud] M. Aưrelium Epagathum pr(a)ef(ectum) Aeg(ypti)
M. Au]reelius Marșus q(ui) e(t) Serenus
....p]rofessus est sibi filium na-
tum es]ṣe M. Aurelium Sarapionem
 .....] sua pri(die) $\operatorname{Id}($ us) Aug(ustas) $q$ (uae) $f($ uerunt Grato] e[t] Seleụce co(n)s(ulibus)
(b)
(and hd.) Iululiaṇ[
. $\mathrm{a} .$. .
I5 Tiberi[
fort.... [
Theo [
Iunias $q[($ uae $) f($ uerunt $)$
'In the consulship of Yulianus and Crispinus, the third year of the Emperor Caesar Marcus Aurelius Severus Alexander, Pious, Happy, August, in the month of Payni, the ... th day, at Alexandria near Egypt, before M. Aurelius Epagathus, prefect of Egypt, M. Aurelius Marsus, also called the day before the Ides of August which fell in the consulship of Gratus and Seleucus.'

I A.D. 224, Cf. 11-12 n.
4 The number of digits after die is uncertain. The second trace may be a stop,
6 prefaeg pap.
7 Marsus looks best; Marius does not seem to be right, comparing -ri-in Crispino (i) and $q(u i) e(t)$ : cf., e. I. 1114 as the cap of ' $s$ ' might possibly be an extension of the ' $r$ '. (ui) $e($ ). cc., e.g., 1114, 8 n. $\dot{q} \dot{e}$ abbreviated by dots above the letters, cf. $q(u a e) f($ uerunt $)$, , in. to them.

8 There is space $f$ . $\quad$ here is space for about four letters unaccounted for in the gap. Nothing essential to the sense is missing. Perhaps there was a description, such as $c . r_{0}=c$ (ivis) R (omanus). There is nothing in néraud's tablet. 894 is damaged at this point.
Io The name of the mother is expected here; e.g. ex Aure]lia[.], etc., would be possible. The middle of a Latin document, i.e. P. Michaelidae 6I, $6(=$ CPLat. 164). If the reading is right the 6 of $\omega c$ is absorbed in a 'Verschleifung' or there is an abbreviation.

II Presumably uxore] sua. Et. Pap. vi has uxove in this position but not sua; 894 is damaged at this point. Schulz thought that the innovation of Marcus Aurelius referred to in SHA Vita Marci 9, 7
consisted in requiring a professio to be made for illegitimate as well as legitimate children (JRS xxxii (1942), pp. 8r seqq.).
birth and registration, supposed to birth and registration, supposed to have been established by Marcus Aurelius (SH A 1.c.), is greatly exceeded. If it ever held for the provinces it must have been widely disregarded after the Constitutio Antoniniana. P. Tebt. 285 might perhaps be taken to suggest that it was not too rare then for the $\dot{q} \dot{f}$ : cf. n. 1.7 .
I2 The papyrus is damaged after cos, but there do not seem to be any traces of the parents' domicile as given in 894. It may, of course, have followed on the next line; 11.4 and 5 are also un-
usually short. usually short.

1. I. From this, and from filiam (II) and Iunias (toter is no doubt that they are the expected ones, cf. 1. I. From this, and from filiam (IT) and Iunias (I9), which I take to correspond to filium (8) and Aug (ustas) (II), I suppose that (b) is a declaration just like (a), but the intermediate stages, which
should be easy, are hard to recognize; see notes to I4 $a$.. [: before $a$ there is the foot of an upright; after $a$, $p$ or
by a tail ietter and the foot of an upright. Not , ap;udd because of the preceding upright and ciately, The only variable part of the formula should be the name of the Egyptian month, in which case mense Cho] iac di $i[e .$. is the only possibility that occurs to me, but the division of the diphthong in Choiac is unlikely. It seems that the introductory formula (as far as apud, cf. n. I. I5), which took more than five lines in (a) was completed within two lines in (b). Probably it was more drastically abbreviated but the correspondences already noted (1. $13 n$ n.) seem to show that the lines of $(b)$ were longer than those of ( $a$ ) and the same is suggested by its lesser height (introd. para. x).
 v. 1201, I and I4. There is a possibility that this is the father's name but that should bectus Aegypti, to filiam ( 17 ).

I6 fort. ... [: Fortis is known as a name (P. Mich. vii 447 i 9 ), but though $i$ would be possible $s$ would not.
${ }^{17}$ filiam. . [: the traces suggest sitbi rather than nafiam and 894, 5 has the order filium sibi natum.
2566. Acknowledgement of Debt to an Escheated Estate

$$
53 \times 26 \mathrm{~cm} .
$$

${ }_{13}$ June, A.D. 225 (?)
This papyrus contains in separate columns copies of two reports made to the strategus of the Oxyrhynchite nome by Aurelia Apollonarion, daughter of Zoilus. She declares that she owes-together with an associate in the second case-certain amounts of wheat to the account of Claudia Isidora, also called Apia, whose goods have escheated to the treasury. Apia is rather well known from the papyri ( $v . \mathrm{n}$. to i 6).

The situation is new and the reason for the submission of the report is not stated. It may be that it was required by law (v. n. to i 6 ), but I cannot discover that it was, and it may be easier to suppose that Apollonarion made it on her own initiative because she thought it to her advantage. Perhaps she was taking steps to pay the debts before she became liable to the penalties for late payment-the date of the reports is Payni 19 and payment was due in Epeiph. The treasury officials would find a copy of the chirographs among Apia's papers ( $\delta \iota c$ cóv i 8), but no doubt there might be delays before they claimed payment.

It is not clear why Apia's property escheated to the treasury. $\pi \alpha \rho \alpha \dot{\alpha} \tau \hat{\varphi} \tau \alpha \mu \epsilon i \omega$ $\gamma \in v^{\prime}$ é $\theta a l$ - 'to come under the control of the treasury'-though I cannot find it elsewhere, seems to be a colourless phrase neither indicating the reason nor distinguishing the departments of the treasury. A letter of a high Roman official announcing the fate of Apia's property is mentioned, but Papirius Sabinus, vir egregius, is not known to me from elsewhere and his office is not stated.

The idiologus received confiscated property for several reasons, as is known from the Gnomon (e.g. paras. 4, 16, 19, 25, 26, 67).

If Apia was a debtor to the treasury, Sabinus may have been epistrategus of the Heptanomia (Martin, Les Epistrateges pp. 156/7), or the dioecetes (BGU 8 ii 28 seqq.), or the idiologus (see above), or his subordinate the procurator usiacus.

If her goods were confiscated for a criminal offence, he might have been the iuridicus.

All the officials mentioned bear the title крáтtcтoc (Hornickel, Ehren- und Rangprädikate, pp. 19-22) about this date. The last known application of it to the prefect is in a document dated A.D. 190 (ibid., p. 21, n. 7).
P. Oxford Wegener 5A mentions a Sabinus who may have been epistrategus of the Heptanomia in the early third century (ibid., 11. $2-3 \mathrm{n}$.), but that document may well be some years earlier than the present one. I do not know whether, if Papirius Sabinus was the epistrategus, we should conclude that Apia was a debtor to the treasury. If she died intestate and without lawful heirs-a less dramatic supposition-her property would have gone to the fiscus (v. Gnomon, para. 4), and we do not know enough to say that the epistrategus could not have entered the case.

It is clear from the subscriptions, written in the same hand as the rest, that the documents are copies. The handwriting and the format are good enough to have come from the strategus's office.
$A\left[\dot{\nu} \rho \eta \lambda i \omega \quad c .9\right.$ letters $\left.\quad c \tau \rho(a \tau \eta \gamma \hat{\omega})^{\prime} O \xi v \rho v \gamma \chi i \tau o\right] y$
 $\chi \iota \omega \hat{\nu}) \pi \dot{o} \lambda(\epsilon \omega c)$








' $\alpha(\hat{\nu} \tau \circ \hat{v})^{\prime} \boldsymbol{\epsilon} \nu \in \epsilon \tau(\hat{\omega} \tau о \subset)$


 $\mu a \pi[\epsilon \epsilon]$ c.
2566. ACKNOWLEDGEMENT OF DEBT TO AN ESCHEATED ESTATE IO7 Col. ii
$A u^{\prime} \rho \eta \lambda i \neq \omega A_{\iota} .[\ldots] \lambda \omega \kappa[\tau \rho](a \tau \eta \gamma \hat{\varphi})^{\prime} O \xi v \rho[v \gamma] x \in i \tau[o v$



乌ov́cŋ̣؟ $\kappa \alpha[\tau \dot{\alpha}]$
















20 $\epsilon \in \pi \iota \delta \epsilon \delta \omega \kappa[\alpha \mu \in \nu \cdot]$
$3 \gamma \boldsymbol{\gamma} \mu \nu$ тoc: e corrected from $\tau$
Col. 1 'To Aurelius . . ., strategus of the Oxyrhynchite nome, from Aurelia Apollonarion, daughter of Zoilus, ex-gymnasiarch of the city of Oxyrhynchus, and of her mother . . . acting without a guardian of Zoilus, ex-gymnasiarch of the city of Oxyrhynchus, and of her mother ... acting without a guardian learnt from a letter of the most excellent Papirius Sabinus, delivered to you here today, that the property of Claudia Isidora also called Apia has escheated to the treasury, I write this report to declare that I myself owe to Isidora's account, in accordance with a chirograph dated in the current year on .. . Phamenoth, 600 artabae of wheat by a measure in accordance with the regulations of the estate, which I had on condition of returning the same number, 600 , from the produce of the same current year in the month of Epeiph. And I request that this report of mine be communicated to Col. ii 'To Aurelius A
aughter of Zoilus, ex-gymnasiarch of the city of Oxyrhynchus, acting without a guardian in accordance with Roman custom by right of children, with her associate Aurelius Diogenes, son of Sara.pammon, ex-exegetes, senator of the same city, through Aurelius Horion, secretary of Apollonarion. Having learnt from a letter of the most excellent Papirius Sabinus, delivered to you here today, that
the property of Claudia Isidora also called Apia has escheated to the treasury, we write this report to declare that we ourselves owe to Isidora's account, in accordance with a chirograph dated in
the current year on Izth Phamenoth, 300 artabae of wheat by a measure in accordance with the regulations of the estate, which I had on condition of returning from the produce of the same current year in the month of Epeiph the 300 artabae of the principal and 75 artabae by way of interest of a fourth. And we request that this report of ours be communicated to those concerned. Fourth year, Payni 19th. We, Aurelia Apollonarion, daughter of Zoilus, and Aurelius Diogenes, son of Sarapammon, through me, Aurelius Horion, secretary of the same Apollonarion, submitted the
report.'
 and ii 2. In the next line an equal number of broken letters can be seen but in the absence of a parallel I cannot read them.

6 a ${ }^{\text {apa }}$. $0 \theta$ eic $\eta c$ : what actually happened is not clear. Assuming that the addressee was the strategus, Apollonarion may have known the contents of the letter because it was publicly displayed, or because she caused it to be written by some action of her own and received a copy, or for some other reason. And since avaioiovau does not necessarily mean 'deliver' a letter to the addressee (cf., e.g., 11048 seqq.),
it could have been a letter to Apollonarion which she had herself 'sent up' to the strategus earlier. And no doubt there are other possibilities. The simplest hypothesis may be that the letter was written to the strategus to be publicly displayed so that debtors to the estate might make precisely the kind of report that these documents are. But see introd., para. 2 .

Kגavòa' 'Icióćpa : see 919, 1046, 1530, 1578 (corr. Ox. Pap. xiv, p. I4), 1630, 1634, 1659, P. Oslo III Il. 126, I29, Rostowzew, Soc. and Econ. Hist. of the Roman Empire ${ }^{2}$, pp. 490, 674 n. 48, 747 n. 6I, MacLennan, Oxyrhynchus, pp. 40-42.
$7 \pi$ apa $\tau \varphi$,
where it is a question of collected taxes 9 [..]: space for one or two letters, possibly $\iota^{\prime}$ as in ii i2
$\gamma_{\nu} \dot{\mu} \mu$ ovoc : the estate 'code' suggests that Apia's land was leased from the emperor, cf. Rostow-
 part 3, p. Iricf. II2 seq., and add P. Lind. Sijpestein 9,15 seqq., cr. ibid. 13, io seqq. and the sam
 Io $\in[c] \times . \nu$ : the missing letter should be o, but the surviving trace is a long descender, presumably
accidental. $12 \dot{e} v \in \epsilon$
looks as if $\tau$ was wrist letter is damaged and there is a gap, but it is too small to contain -ŵтoc. It I4 A pollonarion's subsy large to indicate the abbreviation. dentally omitted.
ii I This strategus does not 1 portant for the date. It must be after A.D. 2I2 because of the Aurelii the remains of his name are im Apia (v. i 6 n.), who is known, so far, from A.D. 215 ( $\mathbf{( 1 1 9 )}$ ) to A.D. $222(1634$ ). It cannot Apia (v. i 6 n.), who is known, so far, from A.D. 215 (919) to A.D. 222 (1634). It cannot be 22I (4 Elaga-
balus) because another strategus is attested for the period (v. Chron. d'Egypte lxii (r956), seqq.). The strategus of 4 Alexander (A.D. 225) is not known and this, as the closest to 222, appears to be the most likely year. The next possible year is 238 (4 Maximinus and Maximus). A strategus for September 238 is known ( 1433 I) and he is not the one named here, but because this is already in the first year of Gordian and there is a possibility that he was appointed at the beginning of Thoth, 238 cannot be definitely excluded. A.D. 242 is also open, but this is already twenty years later than the
 A.D. 226 for this document. 6 ураццатє́шc тйc $\neq$
Alypius P. Flor. 2I6, 4 .


I3 ${ }^{\text {ex }}$ (xov: rst sing., subject Apollonarion, rather than 3 rd plural in the objective style, I take it. Diogenes is a guarantor in case of Apollonarion's failure (Wenger, Stellvertretung pp. 103 seq., r79 seq.) II $9, \delta \eta \eta \lambda \hat{\omega}$. . . ̇̀vó ${ }^{2}$ aprec.
2567. Registration of Druggist's Stock

$$
7 \cdot 9 \times 34.2 \mathrm{~cm}
$$

I8 May, A.D. 253
The alum monopoly was already attested, for the Fayûm by W. Chr. 321 (A.D. ${ }^{45}$ ) and for Oxyrhynchus by 2116 (A.D. 229) and 1429 (A.D. 300). 2567-an unusual document which has some similarities with 520 -now adds considerably to our information.
The monopoly, in the third century, embraced both alum and other useful minerals (2567 i6 seqq.). Control rested with the government in Alexandria, which leased the industry to three misthotai (2567, cf. 1429) and appointed three epiteretai (2116) to supervise their administration. The misthotai, through their nome-managers (2567 34 seqq.), sold alum to the local retailers (who in turn must have supplied the alumpedlars: Wallace, Taxation 2II). The epiteretai made up the accounts for the whole industry every five days, and submitted them in sextuplicate to the Alexandrian ministries. The dioikesis, the oikonomoi, and the procurator ad Mercurum all received copies; and the same procurator had the power to order a general stocktaking by the retailers when a new set of misthotai took over ( 25677 seqq.).

Before the third century we have only one piece of evidence: W. Chr. 32I. Here
 ${ }^{A}$ Acıı( ) suggests, though it does not prove, that the monopoly was then administered separately in each nome.

## 


 $\mu а т о с ~ с т v \pi т \eta \rho i ́ a с ~$


$\mu i ̀ \lambda \tau о v \tau a ́ \lambda \alpha \nu \tau \alpha \quad \zeta-$ ب！сvoí $\omega \nu$ ä $\rho т о v с \quad v \nu^{-}$
．］．．торфvроv тá ${ }^{\lambda} \alpha v \tau \alpha \epsilon^{-}$

$\dot{\alpha} \lambda] \nu \kappa \hat{\eta} c \tau \alpha ́ \lambda \alpha \nu \tau \alpha \quad \epsilon^{-}$
．．］$\lambda \eta \rho \alpha c \tau a ́ \lambda \alpha \nu \tau \alpha \quad \epsilon^{-}$
．］久ícнатос $\mu$ е́т ра $\quad$－
$\left.\hat{\omega} \nu] \pi \alpha_{\alpha} \nu \tau \omega \nu \tau \eta\right\rangle \nu \tau \epsilon \mu \grave{\eta} \nu$


счи乃о́доис（є̈тоис）$\gamma^{\prime \prime}$
av̉］тократо́ршу каиса́ршv Taíov
Ovil］

Ovं $\epsilon \lambda\langle\delta o v \mu \mu a v o \hat{v}$ Ov̉o入ovcıav［o］v
$\epsilon \dot{v} c] \epsilon \beta \hat{\omega} \nu \epsilon \dot{v} \tau \nu \chi \hat{\omega} \nu \quad \subset \in \beta a c \tau \hat{\omega} \nu$
$\left.\Pi_{\alpha}\right] \chi \dot{\omega} \nu \overline{\kappa \gamma}$ ．

тара Avрךдıои Nєоттолє́ $\mu о v \Delta \iota о с к о ́-$

котс́̀доv．ката̀ $\tau \dot{\alpha} \kappa є \lambda \epsilon v с \theta \in ́ \nu \tau \alpha$
iтo Aiגíov Caßєivov тои кратícтои


$\tau \hat{\omega} \nu \pi \rho \circ \gamma \epsilon \nu \circ \mu \epsilon ́ v \omega \nu \mu \iota \subset \theta \omega \tau \hat{\omega} \nu$

$\mu \epsilon ́ v a$ єíठ $\eta$ ．стvлтпрíac $\mu$ ѐv $\Psi \omega \beta \tau \iota a \kappa \hat{\eta} c$ ó $\lambda \kappa \eta ̂ c\left(\tau \alpha \lambda_{0}\right) \beta L^{-}$
$\qquad$
 тoú］Tou тò＂̈cov．
8 ӥтo
 $\qquad$
${ }^{14} \downarrow \omega \omega \beta^{\prime} \tau \iota \alpha \kappa \eta \overline{ }$
$17 \mu \lambda \lambda^{\prime}$ тo
30 Үaiov
19．］ 7 ب uns
ond． trace not completely suited to either $\iota$ or $\rho \quad 28,30$ yaiov $\quad 35$ oदvpur＇$\chi$ єtrov
＇To Aurelius Arruntius Heraclianus，and Aurelius Hierax also called Demetrius，and Aurelius Theon，lessees of the monopoly of the alum industry：from Aurelius Neoptolemus son of Dioscorus，of the city of Oxyrhynchus，druggist．In accordance with the orders of Aelius Sabinus the most excellent rocurator ad Mercurium，I make a punctual return of the items which I received from the previous
＇Alum from Psobthis， 21 tal
＇Alum from Psobthis， $2 \frac{1}{2}$ tal．weight；and split alum， 30 minae weight．Melanteria， 12 tal．Miltos， 7 tal．Misy， 450 loaves．．．． 5 tal．Ochre from the oasis， 3 tal．Salt， 5 tal．．．， 5 tal．．．， 2 measures． Year 3 of Imperatores Caesares Gaius Vibius Trebonianus Gallus and Gaius Vibius Afnius Gallus Veldumianus Volusianus Pii Felices Augusti，Pachon 23.
＇（2nd hd．）I，Aurelius Ammonius，manager for the Oxyrhynchite nome，have received a duplicate of this．＇
8 Aidiov CaBeivov：an Aelius Sabinus recorded events of A．D． 238 （SH A Maximini 32，I）－Momm－ sen（Ges．Schr．vii 333，n．2）thought him a figment．
 d Mercurium and his department（frumentum Mercuri，＇Epuô̂ $\chi є \rho \iota є \mu \dot{c}$ ）are well attested．${ }^{1}$（） $8 \mathrm{I} / 82$ ： P．Gen．Lat．recto ii 5．（2）Domitian ：Ann．Ep．1939，no． 60 （Sex．Attius Suburanus）．（3）I36：PSI 792. （4）165：P．Berl．Leihg． 4 verso v 24．（5）After 161：ILS I398（M．Campanius Modestus）．（6） 201 ： Inscriptions of Roman Tripolitana（Reynolds and Ward Perkins）392，403，422，＇434（M．Junius Punicus）． （7） $229:$ P．Oxy．2116．（8） $244:$ P．Oslo ii 27 with Archiv $\times 84$ seq．（．．．Julianus）．（9） $253:$ P．Oxy． 2567 rain；certainly it was co－ordinate with the $\chi \epsilon \rho \rho \iota \subset \mu \dot{\delta} \subset ~ N \epsilon ́ \epsilon c ~ \pi o ́ d \epsilon \omega c$ ．Wilcken accordingly conjectured that the procurator ad Mercurium handled the Alexandrian corn supply，while the procurator Neas－ poleos handled the annona（Hermes lxiii（1928），pp． 60 seq．）．The fact that，on one occasion，the same grain was booked to both departments（P．Berl．Leihg．pp．103 seq．；36I）scarcely weighs against this conjecture．But the new evidence of 2116 and 2567 does alter the picture，at least for the 3rd cent． Why should the procurator ad Mercurium interest himself in alum as well as grain？We might guess that he exercised a general supervision over the distribution and sale of monopolized commodities－ including traffic in surplus grain（2472，3，n．）．For this view cf Schwartz，BSAA xxxix（1951） p． 30 seqq．

13 seqq．Five items on this list survive unmutilated．All are minerals；and all have their use in medicine，to judge from Dioskorides and from the pharmaceutical papyri（for which see Gazza，Aeg． xxvi（ $\mathbf{I 9 5 6}$ ），pp． 73 seqq．）．Four of them are also pigments，and the fifth（alum）a mordant．But we need not infer that the mutilated items too must have been colouring agents or the like－indeed， i $\lambda \nu \kappa \eta^{\prime}$ ，which belongs only to the medical sphere，seems a probable restoration in 1．2r．In what fol－ lows I am much indebted to Dr．J．R．Harris for advice and bibliography on matters of geology． I4 $\Psi \omega \beta \pi \tau \alpha \kappa \hat{\eta} c:$ ：from Psobthis＇，i．e．from the capital of the Little Oasis（P．Oxy．485：other and
Iess eligible Psobtheis are listed by Calderini，Rend．R．Ist．Lomb．Iviii（r925），p． 529 ）．W．Chr． 32 I proves that alum was brought on camel－back from the Little Oasis to the Fayûm，and in fact all the oases have deposits of alum and ochre（cf．1．20）：see Hume，Geological Survey i 209 seq．The various uses of alum are discussed by Weidemann，Herodots Zweites Buch，p．6ro．
I5 cxıçท̂c：concreti aluminis unum genus schiston appellant Graeci，in capillamenta quaedam canescentia dehiscens（Pliny N．H．35，186）：it is often mentioned in recipes（Gazza Io4）and in chemical texts（P．Holm．，index）．According to Pfister（Sem．Kond．vii（r935），p．55＇c＇est probablement l＇alun general J．R．Harris，Lexicographical Studies in Ancient Egyptian Minerals 185 seq．
I8 $\mu$ mevituv：the diminutive（absent from the Wörterbuch and LSJ）occurs at Galen 19， 736. Misy－some produced in Egypt，though the best came from Cyprus（Diosk．5，100）－was important as

Ti．Claudius Balbillus served［ad Herm］en Alexandreon under Claudius（Ann．Ep．1924， no．78）：but the restoration may be doubted．
a remedy for sore eyes：Youtie therefore interprets ă $\rho$＇bove as＇pellets＇（usually код $\left.\lambda \lambda \hat{\rho}^{\prime} \rho t a\right)$ rather than bricks＇．
 it be sold by volume，not by weight？
${ }^{27}($（ढ̃ouc）$\gamma: 252 / 3$ on the normal chronology．For the controversy，arising from numismatic
evidence，see Aeg，xxxii（ t 952 ），p．152．

 фидакіае Просштítov）．

2568．Acknowledgement for Return of Boat

## $6.2 \times 23^{6} \mathrm{~cm}$

23 July，A．D． 264
Aurelius Heracles acknowledges the return of a boat which he had provided， under general orders of the prefect，for use in the loading of corn－transports．The receipt is addressed to an irenarch and to an unspecified official．This shows a new aspect of the irenarchs＇powers：no doubt requisitioning was part of their police－work．

To judge from the repayment－clauses of loans in kind，the year＇s harvest was usually threshed and divided by the end of Payni．Accordingly，large shipments of government grain would be under way in Epeiph（cf．Börner，Staatliche Korntransport 30 seq．）．2568，dated on Epeiph 29，fits well enough into this scheme．

1197 makes an interesting parallel．Here a dieramatites promises on oath to produce his boat when the transports arrive．His pledge is dated in Mesore of 211．In that year，therefore，the transports had still not arrived by the end of Epeiph．The harvest may have been late，or the Nile slow in rising．

Kалтоирví $\omega$＇$\Omega \rho \rho^{\prime}$


каi $A \dot{\nu} p \eta \lambda i \dot{\omega}{ }^{2} A \chi \downarrow \lambda \lambda \epsilon i$
$\chi \omega \nu$ то́ $\chi \omega \frac{1}{}$
 $\pi а \rho \epsilon \iota \lambda \eta \phi \in ́ v a \iota ~ \pi а р ’$ $\hat{v} \mu \hat{\omega} \nu$ ồ таарє́схо（ $\nu$ ） $\pi \alpha ́ к \tau \omega \nu \alpha$ сข̀̀ к $\omega^{-}$
15 mauc סvci iтeivauc
$\pi \rho o ̀ c ~ \delta \iota a i \rho \in c u \nu \delta \eta-$
بосíov $\pi$ ииро仑̂ ảko－
入ov́Ө $\omega \mathrm{c}$ тoîc $\gamma \rho \alpha-$
$\phi \in i ̂ c\langle\iota\rangle$ ن̋ $\pi o ̀ ~ \tau o v ̂ ~ \lambda \alpha \mu-$

ท̀ $ү \epsilon$ о́voс K $K \lambda a v \delta i o v$
Фípuоv каі є̇тєрштך－

（2nd hd．）（ě̃тоvc）ıa＂av̇токра́торос
каícapoc Поvт入íov ムıкьขvíov
Ta入入ıๆขov̂ Гєр $\mu \nu \iota \kappa о \hat{v}$
$\mu \in \gamma^{\prime} c \tau o v ~ \epsilon \dot{v} c \in \beta \circ \hat{v}[c]$


＇Hрак $\lambda \hat{\eta} с$ © $\Theta$＇$\omega \nu$ ос
$\pi \alpha \rho \epsilon i \grave{\lambda \eta \phi а ~ \tau o ̀ v ~ \pi a ́-~}$
$\kappa \tau \omega \nu \alpha$ cùv $\tau \alpha \hat{\imath} c \kappa \omega ́-$
таис каі є́ $\pi \epsilon \rho \omega \tau \eta \theta \in i с$


 тос $\gamma \rho a ́ \mu \mu а \tau \alpha$.
＇To Calpurnius Horion，the most worthy irenarch，and to Aurelius Achilles also called Ammonius， the most eminent：Aurelius Heracles son of Theon，mother Tryphas，from the city of Oxyrhynchus， which I provided for the lading I have received from you the boat with its two willow－wood oars， prefect Claudius Firmus；and in answer to the question I have made acknowledgement．（and hd．） Year ir of Imperator Caesar Publius Licinnius Gallienus Germanicus Maximus Pius Felix Augustus， Epiph 29.
（3rd hd．）＇T，Aurelius Heracles son of Theon，have received the boat with the oars；and in answe to the question I have made acknowledgement．I，Aurelius Apollonius son of Apollonius，have written for him since he is illiterate．＇

I－3 Kaintovpvilu ．．eipqvápxn：chronological considerations suggest that this was a nome－irenarch For the Oxyrhynchites we have：
 OE（ $80(238 / 44)$ ． 10 judge from the contexts，the irenarchs in 118 （late iii）and 1662 （246）also kephalaiotes and his irenarchs are officials of the village（or mossibly of the pagus）－they are subordi－ nate to the riparii like the village－irenarchs of P．Amh． 146 and PSI 47 （5th and 6th cent．respectively），
（b）Irenarchs of the toparchy ：not attested．
（c）Village－irenarchs appear in $1505-6$（iv），PSI 47 （vi），P．Iand． 25 （vi／vii）．
Nome－irenarchs，that is，are not attested after the 3 rd cent．；nor village－irenarchs before the th．Material from other nomes for the most part confirms these limits．${ }^{\text {．}}$ Horion was probably nome
irenarch or（if it was a separate office）irenarch of Oxyrhynchus． arch or（if was a separate office）irenarch of Oxyrhynchus．
4－6 What office did Achilles hold？His title gives no help，for the крarıcтela was widely distributed at this time（Hornickel，Ehren－und Rangprädikate 21 seq．）．It may be worth recalling 1257 I3 and 19 o
 ${ }^{2} \mu \mu$ ．of 14129 seq ．（c．A．D．284）．
 for the transport both of goods（ 1220 I2，PSI 948，BGU 812，P．Ross，－Georg．ii 18,176 ）and of persons
（P．Ryl．225，39，P．Cairo Masp．58）．It seems to have been a fragile construction－passengers like P．Ryl． 225,39 ，P．Cairo Masp． 58 ）．It seems to have been a fragile construction－passengers
Strabo felt doubts of their safety（cf． $215322-25$ ）－and was presumably best suited to short trips． For the willow－wood，compare P．Merton i 19， 4 seqq．
${ }^{16} \delta$ ocaipeccv： cf ．P．Hib，ii 216,$9 ;$ P．Tebt． 328 ， 3 seq．； 1197 IT．The office was that of ferrying the grain from the harbour granaries to the corn barges：see Böner，Staatliche Korntransport 27 seq． Schwartz，BIFAO xlvii（ 9948 ），p．I9I．The word，its spelling，and its cognates，are discussed by Frisk Etymologisches Wörterbuch s．v．$\delta \in \epsilon \rho \hat{a} v$ ，and Rédard，Les Noms grecs en－－$\eta \mathrm{c} 44$ and 242
Inv．I463 belongs to the twelfth year of Gallienus（ 1194 introd．Stein，Die Prüfekten torical problems which involve this Firmus and some namesakes are discussed by C．H．Roberts， P．Merton i，pp． 157 seqq．
${ }^{1}$ Nome－irenarchs appear in 26I（BGU vii 1568 ：Arsinoites and Nicopolites）， 262 （P．Strassb． 5 with $B L$ i 404：Hermopolites），and 291 （SB 8199：Medamud）．An irenarch of a toparchy is known for 259 （2108：Hermopolites）；an irenarch of a pagus for 334 （（P．Thead．24－25：Arsinoites）
The evidence for village－irenarchs before the 4th cent．is weak；（a）P．Achmim 7 ii I9 Wessely＇s eading has been rejected；（b）P．Fay． 23 ii 20 e $\rho a(1)!$ ；（c）SB 4422 is dated palaeographically to ；（d）P Flor．76， 52 （not long after A．D．266）may be evidence， but makes no sense as it stands．

$$
11.5 \times 25 \mathrm{~cm}
$$

24 September，A．D． 265
This papyrus gives some new information about the supply of water to the baths in the Thermae at Oxyrhynchus．The contractor for the supply writes to the prytanis， pointing out that he has already served a month more than was specified in his con－ tract，which he undertook on the urging of the senate．He says that the Nile flood is slow and that there is consequently a shortage of fodder for the beasts，perhaps the oxen that worked the pumps（cf．P．Lond． $1 \times 77$ II2 Seqq．），and advises the prytanis to notify the two（former？）exegetae in charge of the water drawing for the next month so that they may undertake the supply．

The exegetae appear to have been the superiors of the contractor．They are per－
 $\mu \eta \tau \rho \circ \pi$ ó $\lambda \epsilon \omega c$ of Arsinoe（P．Lond．ェェク7 7 seqq．），who seem to have managed the whole of the city＇s water－supply，but since $\tau \hat{\eta} c \tau \hat{\omega} \nu \dot{a} \nu \tau \lambda \eta \subset \mu \hat{\omega} \nu$ ．．．vim $\eta \rho \in c i a c(28-30)$ evidently
 contractor＇s title，and the exegetae are described as $\pi \rho o i ̈ c \tau \alpha \nu o \mu \in \nu o u \tau \hat{\omega} \nu \alpha \nu \tau \lambda \eta \subset \mu \hat{\omega} \nu$ ，it seems better to conclude that their function was the supervision of the contractor＇s work and not to speculate how much more they may have done．

The text shows again the reluctance of the citizens to undertake liturgies at this time．Didymus served only after being＇pressed＇by the senate（I4），no successor could be found for Thoth，when he continued to serve，and apparently none had been found for Phaophi by 27 Thoth．

## OFFICIAL DOCUMENTS


 ${ }^{\prime} O \xi v(\rho v \gamma \chi \iota \tau \omega \nu) \pi o ́ \lambda(\epsilon \omega \tau)$

5 入єvтô̂ $\chi \in \nu \circ \mu \epsilon ́ v[0] v \mu c \theta \omega \tau o v$ ảvєt－


 $\pi \alpha \rho \alpha ̀ ~ \delta u ́ v a \mu \iota \nu ~ \delta \iota a ̀ ~ \tau o ̀ ~ i \delta i ́ c \omega \mu \alpha \mu a ́-~$




$\alpha[\pi 0] \delta \epsilon \hat{\eta}<\alpha \iota$ т $\tau \rho \circ \tau \rho \alpha \pi \epsilon \in \tau \tau \alpha \mu \eta \delta \hat{\epsilon}$

 övтoc• cvvoคầ $\delta[\dot{\epsilon}]$ кai cè vo ${ }^{i}$

 คòv ai $\tau \omega ิ \nu \kappa \tau \eta \nu \omega ิ \nu \tau \rho \circ \phi a i ̀ c[\pi] a-$

 $\tau \hat{\omega} \nu \tau \hat{\omega} \nu$ ảv $\lambda \lambda[\eta] ¢ \mu \hat{\varphi} \nu \tau о \hat{v}$ є่ $\pi \iota_{0} \nu-$






$\tau \alpha \underline{L}$


Kaicapoc Поvт入íov ムiкиvvíov

35 Ev̉cєßov̂c Ev่тuхov̂c $C_{\epsilon} \beta$ ßactov̂．
 $\tau \grave{\eta} \subset$ è $\pi \iota \delta$ é $\delta \omega \kappa$ ．
＇To Aurelius Munatius，ex－agoranomus and exegetes，（ex－？）gymnasiarch，senator，prytanis in office of the city of the Oxyrhynchites，from Aurelius Didymus，son of Didymus，senator，formerly contractor for the drawing of municipal water for the baths of the Thermae for nine months of the past twelfth year．
＇I thought it important to fulfil the duties of the service，with difficulty and to an extent beyond my means，especially on account of the peculiar circumstances of the same past year，so that as wel

2569．RESIGNATION FROM A LITURGY
as not failing，after I had been pressed（to serve），during the months aforesaid，I did not，in fact，even do so in the supply for this month，though it is outside the contract．I believe that you too realize the present sluggishness of the Nile flood up to this point，on which account at present fodder for
beasts seems to be running short，so that it behoves（－ed？）you to notify those of the exegetae who are in charge of the water－drawing for the coming month of Phaophi，since it also is not included in the contract，（namely）Septimius ．．．and Agathus Daemon，son of Potamon，so that they may take over the service of the water－drawing for the same ensuing month，since I declare that I have resigned for the aforesaid cause．
＇Thirteenth year of the Imperator Caesar Publius Licinius Gallienus Germanicus Maximns Pius Felix Augustus．Thoth（2nd hd．） 27 th．I，Aurelius Didymus，submitted（the document）．＇
 $\epsilon \xi \eta \gamma s$ suggests that he was agoranomus and exegetes at the same time．The prytanis may have been a gymnasiarch，cf．，e．g．，CPHerm． 59,3 seqq．，or an ex－gymnasiarch，cf．，e．g．， 552.
$2 \pi \rho v \tau a v \epsilon \epsilon$ ：the prytanis had a special responsibility for the baths，$\geqslant .1104$. I5 seqq．， 1252 verso ii
$22,1499 \mathrm{I}, 1500$ ． $1499 \mathrm{I}, 1500$.

 II5 seqq．，col．i i2 seqq．（Antinoopolis A．D．258），and ífoorapóxouc 2128 2．CPHerm． 95 and 96 seem 1．àv $v \mu \eta \quad \subset \epsilon \omega c$ ：the word is rare and new in the papyri．
 $\tau \hat{c} c a v ̉ \tau \hat{c} c \pi \delta d_{\lambda \epsilon \omega c} \beta a \lambda a v \epsilon$ íov．For public baths in Egypt see A．Calderini in Rend．Ist．Lomb．ser．2，lii （1919），pp． 297 seqq．and lvii（1924），pp． 737 seqq．

 （A．D．259）seems to show that the Avtuvivcavai $\theta$ ．（ 2128 I2 2 I 2nd／3rd cent．）ware the same．Perhaps there was only one set of Thermae later，cf． 43 verso iii io（post A．D．295）．

9 iठía $\alpha$ ：cf．P．Lond．I227，Io（iii，p．I43）．
 9，I7， 1415 23， $14165,6$.
 shortage of fodder at this moment is not very easy to see．In a normal year the water would be at its
highest point or subsiding but there could have been no new crops expected till after the sowing and growing periods still to come．A supply of dried fodder should have been planned to last much later than Thoth 27 and it would not be the fault of this year＇s Nile if it did not．Perhaps he is referring to
 than＇to be in short supply＇．In a lately published Byzantine document（T．Reekmans，$A$ Sixth－ century Account of Hay，1962）the grazing begins again after the end of Hathyr，but cut grass is in short supply as early as Payni（p．25）．A list of papyri dealing with diffculties in the provision of hay is given there on p .26.
${ }^{21} \times \rho \hat{\eta} v:$ according to Preis．$W B$ éx $\rho \hat{\eta} v$ is the only form of the imperfect found in the papyri（P． （6th））．




I I inspected the original of 891，now Bodl．MS．Gr．class．f． 89 （P），and found that in 1 ．II
II $\theta_{\text {éf }}^{\prime}[\mu]$ acc might be read．There is a long descender just before the gap．Between that and the first


Septimius and Agathus Daemon，s．of Potamon，（26），were members of the board of exegetae at this date．Agathus Daemon appears also in P．Mert． 26 of 8 Feb ． 274 as an exegetes，perhaps after having been reappointed，though liturgies are known to have been held for fairly long periods at this time （ 1418 I 5 n ．）．

2570．Declarations of Prices by Guilds

$$
25 \times 27 \mathrm{~cm} .
$$

Part of a series of declarations like 85 （A．D． $33^{8}$ ）and PSI 202 and P．Rendel Harris 73 （both of about the same date），addressed to the logistes of the nome by the several guilds（ $\kappa o \iota v \alpha ́$ ）of workmen about the goods which they have in stock．These statements were taken by Grenfell and Hunt in their original edition of $\mathbf{8 5}$ to be of＇the value ．．． of the goods in stock at the end of the month＇，and this conclusion was followed by sub－ sequent editors of similar texts；but a manuscript note in Hunt＇s copy of $P . O x y$ ．，parti， in the Hunt Library in Oxford suggests that the reference was to the current price of
 （ $\delta \eta \nu a ́ p \iota \alpha) ~ \phi$ ．This seems borne out by our text．2562，the beginning of which is itself lost，was evidently written on the back of a piece torn from a roll of which this text was only a small part．Col．i contains only some ends of lines from a declaration by a guild which is unidentifiable：

ii is the declaration of the＇potters of earthenware pottery＇，and iii that of the per－ fumers．This last is of some interest，containing as it does several unknown names of drugs，and some otherwise unexampled forms（mostly diminutives）of known names． On the guilds，see San Nicolo，Ag．Vereinswesen，pp． 66 seqq．；Johnson and West， Byzantine Egypt：Economic Studies，pp．151 seqq．
by GH as $a$ ，is damaged at the bottom and the top is a loop formed by a stroke first rising vertically and then bending to the left and down again in an arc to cross the vertical．It is true that the other thetas in the text（11．15，18）are more formal，being made up of three separate strokes，but a $\theta$ finishing in the way described is not unusual．If this were the correct reading in 891 II，there would vision of the contractor，see introd．para． 2 ．

$\delta \in c \pi o \tau \hat{\omega} \nu \hat{\eta}[\mu \hat{\omega} \nu]$
Kんvcтavтívov
Aủyoúctov тò $\eta^{\prime}$ ка̣̂̀

є̇тифаขєста́тоv Kaic̣［a］pọ
$\tau o ̀ ~ \delta^{\prime} \Phi_{\alpha \omega}^{\omega} \phi_{\iota} \lambda^{-}$

入oүเcтท̂＇O乡vo［vy］xíтov
$\pi \alpha \rho \alpha \alpha_{\tau 0 \hat{v}} \kappa \circ \iota \nu о \hat{v} \tau \omega ิ \nu$
$\kappa \in \rho а \mu \in ́ \omega \nu$ кєрацикоиิ


$\Delta \eta \mu \eta \tau \rho!\rho v\left[\frac{1}{\epsilon}\right] \pi \tau \lambda[\epsilon$
${ }^{5} 5$ тросф $\omega \nu \omega \hat{\text { it }}\left[{ }^{\prime} \omega\right]$ ］т！－

$\nu є \gamma \rho а \mu \mu \epsilon ́ \nu \eta \nu[\tau \iota \mu \eta ̀ \nu]$

$\hat{\omega} \nu \chi \iota \rho i \zeta \omega \mu[\epsilon \nu \omega \omega \nu i \omega \nu]$ ，
20 каi ỏ ơvúw тòv $\theta \in \hat{\imath}[0 \nu]$

$\psi \in \hat{v} c \theta a \iota$ ．${ }^{\epsilon} \subset \subset \tau \iota \epsilon$ ．

$\tau \iota \kappa \eta ิ \subset ~ \kappa \in \nu(\tau \eta \nu \alpha \rho i o v) \alpha \ldots[$
25 $\qquad$

．$\pi \rho \circ с \phi(\omega \nu \hat{\omega}) \dot{\omega} \subset \pi \rho o ́ \kappa(\epsilon \iota \tau \alpha \iota)$ ．о а．o．．［．．．．］．






$\pi о ́ \lambda \epsilon \omega с . . .$.

 ӧркоv $\mu \eta \delta \grave{v} \nu \delta \iota \in \psi \in \hat{c} c \theta a l$. $[\epsilon ้ \subset \tau \iota \delta \epsilon$.

## (a) $\pi \iota \pi \epsilon ́ \rho \epsilon \omega c$

$\lambda_{1} \beta$ ávov
$\mu a \lambda \alpha \beta \dot{\alpha} \theta \rho o v$ сти́ракос v́ч $\eta$ до仑̂ $\lambda_{1}(\tau \rho.) \alpha \tau \alpha \lambda, \iota \beta$ $\lambda_{c}(\tau \rho$.$) a \tau \alpha ́ \lambda . \nu$

5 сти́ракос é $\lambda \alpha ф \rho о \hat{v}$ $\lambda_{l}(\tau \rho). a \tau \alpha \dot{\alpha} \lambda_{.} \kappa$

5 стирак настікךс
${ }_{a}^{a} \mu \dot{\mu} \mu$ оv
$\beta \delta \in ́ \in \lambda \lambda \%$
ro kaciac
$\kappa \alpha[\lambda] a ́ \mu o v$
$[\psi]<\mu!\tau i o v$ [c]ap $\delta$ ขкіог
گцúpuдс
Subscription:
iii (a) I $\grave{\imath}$ (and so throughout) 71. $\mu a c \tau i x \eta c$. Figure at end: $\iota$ or $\lambda$ ? $\quad 9$ Figure at end:

 pottery industry in Egypt in the Byzantine period, see Johnson and West, op. cit., pp. II5 seq.
I4 $[\epsilon] \pi \psi i \lambda[\epsilon \ldots$ or possibly $[\epsilon] \pi i \delta[\epsilon$, so also i 17 ; ii 26 ; in each case the passage is damaged $\pi \pi i \lambda \in\left(\theta \theta \epsilon^{\prime} \dot{c}\right)$ ?
23 seq. $\pi i c c \eta \subset \xi \eta \rho \bar{\alpha} \subset \kappa . \tau . \lambda$. : for the use of pitch in the preparation of wine jars, see Johnson and West, op.cit., p. ir5. Many references to $\pi i$ icc in the papyrus documents are in connexion with pottery and the wine industry ; cf. introd. to 2580, below.

25 This will have begun a new item.
27 o dyop.[...?
iii 4 For the $\mu u \rho o$
iii 4 For the $\mu \nu \rho o \pi \dot{\omega} \lambda a t$, see Johnson and West, op.cit., pp. i25 ff. Their guild is mentioned in BGU 9, col. i, 1l. I7 seqq.
解 though Dioscorides (i 66 ) enumerates two kinds or qualities.
2570. DECLARATION OF PRICES BY GUILDS

 gio al xi congresso di pap.) No. I2, 10 (3rd cent.) cripaкoc тат'
meaning 'pesto' (pounded spice) rather than 'trodden grapes'.
 here uncertain whether this is all one word or two; if the former it will be an otherwise unexampled


8 a ayé $\lambda$ ewc (or possibly car' $\dot{\lambda} \epsilon \omega c$ ): unknown.
Io ép $\omega$ yuv: unknown.
I2 ofvexicv: presumably diminutive of the aromatic substance in Diosc. ii 8 .

## 2571. Report of Mea

Plate VII

$$
9 \times 25 \mathrm{~cm} .
$$

27 July, A.D. 338
This is an account of deliveries of meat and silver submitted by a village liturgist to a beneficiarius on the staff of the prefect of Egypt. Because of the reference in SPP
 I am inclined to think that the deliveries may have been part of the prefect's salary (see Hübner, Der Praefectus Aegypti, p. 18; Johnson and West, Byz. Eg. Econ. Studies, p. 229) rather than of the better-known annona militaris.

Judging by the poor style of the document and the village origin of Aurelius Cal-

 village)
$\Phi \lambda a v o v\langle i\rangle \omega\rangle$ Ov̉a $\lambda \epsilon \rho \iota a \nu \hat{\varphi} \beta(\epsilon \nu \epsilon) \phi\left(\iota \kappa \iota a \rho \rho^{\prime} \omega\right) \tau a ́ \xi \epsilon \omega c$
єта́рхоv Aiyựттo［v］


5 上оноv̂ $\epsilon \pi \iota \zeta \eta \tau o \hat{\nu} \tau \iota \dot{\eta} \mu \omega \nu \tau \hat{\eta} \subset$






入ítрас трtáкоута є́к та入аעтоע








$$
\text { Єौcт८ } \delta \in ́ .
$$


vimatiac Фגао̣víov＂Opcov каi Подєцiov
$\tau \hat{\omega} \nu \lambda \alpha \mu \pi \rho o \tau a ́ \tau \omega \nu . M \epsilon c o \rho \eta ̀ \bar{\gamma}$ ．

25 A
$\mu \dot{\eta} \epsilon i \delta(o ́ \tau o c) \gamma \rho \underset{\mu}{\mu} \mu \mu a \tau \alpha$.

＇To Flavius Valerianus，beneficiarius of the staff of the prefect of Egypt，Aurelius Callistus，son of Aboris，from the village of Kesmouchis of the eighth pagus of the Oxyrhynchite nome．To your request for（an account）of the liturgy of meat of the produce of the twelfth indiction registered or
entrusted to us（we report that）in kind we have delivered 570 ． entrusted to us（we report that）in kind we have delivered 570 pounds of meat in pigs，and in silver ．．．
thirty pounds of meat at the price of two talents，two thousand drachmae．Accordingly the august，divine oath of the universally invincible，the lords the Emperor（s？）and the Caesars，that we have told no lies or may we be liable to the established penalty，we make our declaration as is afore－ said．
＇Item，To Eudaemon the praepositus in silver ．．．thirty pounds
＇In the consulship of Flavius Ursus and Polemius，viri clarissimi．Mesore 3rd．
＇I，Aurelius Callistus，submitted the report．
＇I，Aurelius ．．．wrote on his behalf because he is illiterate．＇
I Beveфикctapí v，A．Stein，Die Präfeklen p．I7I；P．Cair．Isid． 63 introduction，
rák $\epsilon \omega c$ émápXov：v．Hübner，op．cit．，pp． 33 seqq．The prefect for this period is not precisel known．Flavius Antonius Theodorus replaced Flavius Philagrius in 337 and served till at least 28 Mar．338；between then and the end of the year Philagrius returned to the offree for a second time（C，
Vandersleyen，Chronologie des préfets $d^{\prime}$＇Egypte de 284
a report may have been required because of the change of prefects．More likely it was part of the routine．
ABópoo：not in Preisigke，Namenbuch；perhaps $=$ Aßoôpıc，ibid．s．v．；and cf．Aßápıe（gen．）



 cent．（Johnson and West，Currency，p．xIg），but it has not occurred before to my knowledge and the supposed $\chi$ is not whoily satisfactory．It resembles $\lambda$ more closely．apyupi $\varphi \varphi$ גuT $\hat{\omega}$（cf．P．Ant．38，I7） is not a possible reading．It may，just possibly，be relevant that in a 4th－cent．account（P．Harris $7,14,15$ ）the item＇price of bullion ： 21 tal． 700 den．＇is immediately followed by $\tau v(\mu \eta)$ xapr $\omega \nu$ with price of over 100 talents．
 iven in Johnson and West，Byz．Eg．Econ．Studies，p．185，though the texts are not well dated and as a price per pound，but if so theans＇at so much each＇and I4，000 drachmae might be more suitable I3 кат $\dot{\alpha} \mathbb{E}$ ． $\mathbb{1}$ тaṽ $q$ ：between the second $a$ and $\tau$ there is ange．
corrected，but the phrase is common form，cf． 897 Io， 1265 is I6 The formula is puzzling because no 897 Io， 1265 I4．
mperors，who were also Augusti from 9 Sept．337．An oath formula of December from the three
 $\delta_{\delta \epsilon c \pi o \tau \hat{\omega} \nu}^{\eta} \mu \omega \hat{\omega} \nu \beta a c i \lambda \epsilon \omega v$ ，which is probably correct．What stands here is either the formula for Constantine＇s reign，i．e．Aùroкрárop（oc），etc．cf． 1265 г6 seqq．，taken over without change，or a faulty attempt to adapt it to the new reign，i．e．Av̇rokpatóp（ $\omega v$ ），etc．，ignoring the fact that there were no Caesars．

19 1．е̇т $т \rho \tau \eta \mu \hat{v} \nu \varphi: \pi \rho о \kappa^{\prime}$ рар．
$2 r$ Eidaijoput perhaps－cul was written．
траитос८ pap．，without a mark of abbreviation，as also perhaps in 2232 3．Probably he was the praepositus pagi，whose work included the receipt of taxes（cf．2114），but praepositus is also a military silver；the deliveries in kind are mistakenly omitted here．

2572－6．Orders to Arrest
These chits show no divergence from the normal form：for the parallels，see P ． Lund vi 2 ，introduction（add P．Fay． 37 ；Symb．Osl．xxxvii（1962），p．139）． 2574 is exceptional in being written along the fibres（compare P．Cairo Preis．5，P．Merton 29, P．Lund vi 2 ）

The orders are as usual undated．They are written in hands of the second and third centuries，and addressed to the archephodus－an official who makes his first appearance in a dated Oxyrhynchite document in A．D．Ig0（69）and his last in 238／44
(80), but seems to have existed already in the early second century (969) ${ }^{\mathrm{r}}$ and to have survived into the fourth (1193). ${ }^{2}$

1212, a similar order, has been reused for a list of vegetables delivered to the archephodus. It seems probable, then, that such papers remained in the archephodus's archives and were not returned with the prisoner.
2572. $15.8 \times 8.5 \mathrm{~cm}$. Across the fibres. Second century A.D. The papyrus shows three folds parallel with the writing, and one across. During folding, the wet ink offset above and below the text.

$$
\begin{aligned}
& \dot{\alpha} \rho \chi є \phi o ́ \delta \omega \uparrow \text { Tavóє } \omega c \cdot \pi \epsilon ́ \mu \psi \circ \nu \\
& \text { Пє } \tau \epsilon \alpha \kappa \eta \hat{\nu} \nu \mu \tau \rho o ́ c ~ T a c \epsilon \hat{\tau} \tau o c
\end{aligned}
$$

'To the head-policeman of Tanais. Send Peteaces son of Taseus.'
I Tavá $\omega \omega$ c: Tanais in the middle toparchy ( $\mathbf{2 4 2 2}_{52,1747}^{44,1659} 64, \mathbf{1 4 4 4} 8$, etc.) 2 $\Pi \epsilon \tau \epsilon a \kappa \hat{\eta} \nu$ : the name is absent from the indexes of P. Oxy. and from the Namenbuch (but cf. Пеєтєакойс).
$2573.16 \times 8.3 \mathrm{~cm}$. Across the fibres. Second century A.D. The papyrus shows four folds parallel with the writing, and one across. During folding the wet ink offset, producing a mirror image of 1.3 on the back of the sheet.

$$
\begin{aligned}
& \dot{\alpha} \rho \chi \epsilon \phi \circ ́ \delta \omega \text { Ta } \lambda^{\prime} \alpha \omega^{\prime} \pi \epsilon \epsilon \mu \psi o \nu K \epsilon \phi \alpha ́ \lambda \omega \nu \alpha
\end{aligned}
$$

$$
\begin{aligned}
& \kappa \tau \eta \nu \text { каì } i \in \rho \in i ̂ c " I c i \delta o c \tau \hat{\eta} \subset \alpha u ̛ T \hat{c} c
\end{aligned}
$$

'To the head-policeman of Talao. Send Cephalon son of Heraclius and Thaesis, boundarymarker, and priests of Isis in the same village.
 4 th cent., see $J J P$ vi (1952), pp. 260 seqq.
2574. $8.6 \times 10 \mathrm{~cm}$. With the fibres. Second century A.D. The piece of papyrus here used seems to have been cut off the sheet or roll to the right of a completed document (perhaps a similar order) : the tails of three final letters can be seen at the left edge, $c .4 .5,6.5$, and 8 cm . respectively below the top.

$$
\begin{aligned}
& \text { ảpХєфóסぉ Cıขарv́ [ } \\
& \text { Dıovúctov 'Eppoүévovc [. } \\
& { }^{2} \text { Ioús } \leq[\tau] \text { ov Caparticuyoc[ }
\end{aligned}
$$

${ }^{\text {I }}$ The Oxyrhynchites was late in adopting the office: it is attested for the Arsinoites in the early
Ist cent. B.C. (P. Tebt. go, introd.), and for the Herakleopolites in the later Ist cent. (BGU viii Ist cent. B.C. (P. Tebt. 90, introd.), and for the Herakleopolites in the later Ist cent. (BGU viii
1855, 7 , iv Io6o, 33). Then at Euemeria in A.D. 29 (P. Ryl. t27), at Caranis under Claudius (P.

2 The reading might be
compare P. Princ. ii 99,6
'To the head-policeman of Sinary. (Send) Dionysius son of Hermogenes . . . Justus son of Sarapion ....
I Ctvapvi: Sinary in the lower toparchy ( 2422 92, 1859 ro2, 14.62 26, etc.).
 $\mu \in v o v \dot{v} \pi{ }^{\prime}$, and this occurs in the Oxyrhynchite text Symb. Osl. xxxvii ( 1962 ), p. I39.) In any case

2575. $20.1 \times 7.9 \mathrm{~cm}$. Across the fibres. Second to third century. The hand is mannered and flamboyant, with a tall narrow epsilon, triangular phi, and flattened omega; hypsilon appears generally as 7, once as $Y$.

$$
\begin{aligned}
& \lambda \omega \nu \omega ิ \nu \text { ßафькŋิс }
\end{aligned}
$$

To the head-policeman of Tarouthinou Epoikion. Send Andromachus and Paous, weavers . . . at the petition of the collectors for the dyeing trade.

I Tapovtivov Є̇тoukiov: Tarouthinou Epoikion, perhaps in the Eastern toparchy (384).
${ }^{2}$. $\tau \mathrm{c}[$. : before $\tau$, a vertical sloping slightly to the right.
3. [.]v: an upright.
]. $\sim a$, , $[$ [.]. $:$ before $\nu$, an upright; after $a$, a long descender.
 7I82, 96, CIG iv 4926 and notes.)
 98. For sets of telonai and epiteretai in the same monopoly compare the $\gamma \in \rho \delta \in a \pi c_{0}$, , and, e.g., 2472. The epiteretai in P. Ryl. 98 figure as lessors of the icruvapxia at Archelais : the telonai here may have a similar reason for their interest in the two weavers.
2576. $9.6 \times 9.9 \mathrm{~cm}$. Across the fibres. Third century. Below the writing is a blob of dried clay or mud about 2 cm . long and $\mathrm{x} \frac{1}{2} \mathrm{~cm}$. wide, bearing an oval seal-impression.

The seal shows a nude standing figure. The impression is blurred, and even on an enlarged photograph some details remain doubtful. Most probably, I think, the figure's head looks to the spectator's right. The right arm (on the spectator's left) is crooked upward at the elbow; the hand holds a straight rod, and from the elbow hangs a fold of drapery. Behind the neck, and above the forehead, are sharp peaks which suggest a petasos. (I owe these points to Mr. N. J. Richardson and Miss J. MacIver. Others have thought that the right arm is lowered: the rod and the drapery then make up a sceptre or a sprouting cornucopia!) I have found no exact parallel. Some features recur in the clay sealings from the Fayûm published by Milne, JHS xxvi (1906), pp. 32 seqq. (esp. nos. 39-44 and 50) ; and Dr. J. R. Harris points out likenesses with the figure of Harpocrates of Pelusium (Bonner, Studies in Magical Amulets r40 seqq.). An inscription seems to have run round the edge of the oval, since the letters $\Delta O$ are discernible at the bottom left, and $E$ at the bottom right.

This is evidently a private seal, like that on P. Lond. ii 379 (a laconic note to an archephodus and the presbyteri- $\mu \eta \grave{\eta}_{\pi \alpha \rho \epsilon \nu о \chi \lambda i \tau \epsilon ~}^{\text {Aкıá } \rho \iota) \text {. Official seals are found }}$ on two other orders to arrest: P. Gen, 1o2 (Archiv 3, 226), which is sealed with the inscription ó cтратךүóc cє $\kappa a \lambda \epsilon \hat{\imath}$; and P. Tebt. 290, whose seal has the same inscription enclosing a bust of (perhaps) the emperor. ${ }^{1}$ The seal would of course serve as authentication-presumably from the strategus or one of his subordinates, since these orders seem to have emanated from his office (P. Lund vi, p. 9).

$$
\begin{aligned}
& { }_{\alpha}^{\alpha} \rho \chi \epsilon \phi \quad \circ \delta \omega \text { Мє } М є р \mu \epsilon ́ \rho \theta \omega \nu . \\
& \pi \epsilon ́ \mu \mu / \text { ov "E } E \omega \tau \alpha \text { oi }[\nu] \epsilon ́ \mu \text { - } \\
& \text { тороу ย̇ขтvхо́vтос } \triangle \text { loc } \\
& \text { кópov } \times \times \times \times \times \times \times \times \times \times
\end{aligned}
$$

'To the head-policeman of Mermertha. Send Eros the wine-merchant at the petition of Dioscorus.' I $M_{\epsilon \rho \mu}{ }^{\prime} \rho \theta \omega \nu$ : Mermertha in the upper toparchy (2129 2, 1659 I7, etc.).
$4-5$ The border as in BGU I48 and $634 ;$ P. Cairo Preis. $5 ;$ P. Lund. vi 2 (and, e.g., in the customs receipt P. Merton i 20). It was perhaps a precaution against unlicensed additions (Knudtzon).
2577. Order from Strategus
$8.2 \times 10.2 \mathrm{~cm}$.
Third or fourth century
The nome-governor requisitions transport and escort for a traveller: compare 1193. Guards were part of the normal village establishment (cf. 2121-2), and the headpoliceman would have donkeys at his disposal (63).

The text is written along the fibres. The papyrus shows five folds at right angles to the writing. On the back are traces of a single line, parallel with the fibres: too little remains to show whether it was an address or a docket.

$$
\pi(\alpha \rho \grave{a}) \tau \circ \hat{v}<\tau \rho \alpha \tau \eta \gamma \circ \hat{v}
$$

$\kappa \omega \mu \alpha ́ \rho \chi(\alpha \iota c) \kappa \alpha i \dot{\alpha} \rho \chi є \phi o ́ \delta(\omega)$

каì є̇ขà фú入ака $\tau \hat{\varphi} \alpha \dot{\alpha} \nu \alpha-$
5 ठ $\delta \delta 0 \hat{\nu} \nu \tau \iota \dot{v} \mu \in \hat{i} \nu \tau \alpha ̀ ̀ ~ \gamma \rho a ́ \mu-$ $\mu a \tau \alpha \pi \alpha \rho \alpha ́ c \chi \in \tau \alpha \iota$
$\mu \epsilon ́ \chi \rho \iota ~ \tau \hat{\eta} \subset$ Мє́ $\mu \phi \epsilon \omega \subset$
(2nd hd.?) $\epsilon \subset \eta \mu(\epsilon \omega \leftharpoonup \subset \alpha ́ \mu \eta \nu)$
I Cf. the seals and customs receipts, which carry imperial portraits (Boak and Petersen, Soknopaiou Nesos 24 seq.; TAPA lxxxii (1951), pp. 164 sqq.). The use of seals is discussed in Aeg. xiv (1934), pp. 247 seqq.

I $\pi^{\prime} \quad 5$ üцє $\quad 6$ l. тара́схєтє
'From the strategus to the comarchs and archephodus of the village of Theresis. Provide two donkeys and one guard for the man who delivers this letter to you, as far as Memphis.'--'I hav signed it.'
 471, 3, 909, 10, P. Berl. Leihg. 6, I5, SB 7368, it)

3 ©єр ${ }^{\prime} \subset \epsilon \omega \subset$ : this village is not attested in Preis. WB, or in the indexes of P. Oxy.

## 2578-9. TAX-RECEIPTS FOR ĖTıкє $\phi$ ádaıov

Four texts like these were known hitherto, PSI $163,302,462$, and 780 , discussed by A. Déléage, La Capitation du Bas-Empire, pp. 46 seqq., and by Johnson and West, Byz. Eg. Econ. Studies, pp. 260 seq. The hypothesis of Déléage, that the receipts are for a poll-tax of $\mathrm{I}, 200 \mathrm{dr}$. per person per annum, though it might seem to be supported by 2578 , which records a payment of $2,400 \mathrm{dr}$. for a man and his son, leaves unexplained a payment of eight myriads in PSI 302. The new reading of ( $\mu v \rho \alpha^{\prime} \delta \epsilon c$ ) $\eta^{\prime}$ for ( $\mu v p u^{\prime} \delta \epsilon c$ ) $\kappa \leqslant$ was made by Professor Bartoletti and communicated to me by letter.

Johnson and West ( $p .26 \mathrm{I}$ ) believe that these were payments for an 'assessment imposed on Oxyrhynchus . . . and apportioned among the citizens in accordance with their capacity to pay, that is, in accordance with their property'.

The second of these receipts is signed by a $\mu \eta \nu a$ áp $\eta c$, that is by a guild official instead of, as usual (PSI ェ63, 46z), by the сvстáтךс, a municipal official. It seems from this that some of the contributions were made by the guild, which then recovered the money from its members. Payment of taxes by a guild seems to be attested for the fifth century by 1330 and 1331 (v. Johnson and West, op. cit., pp. 153, 261). The occupation of the contributors seems to be specified (v.n.1.9) as it is in PSI 780, 5 (cхoเvâc). I had hoped that the doubtfully read PSI 780 , II would prove to contain the word $\mu \eta \nu\llcorner a ́ p \chi \eta$ c and the document would thus prove to be a parallel, but Professor Bartoletti checked the papyrus for me with this in mind and did not find it substantiated. He reads the line as follows: -av $\bar{\rho} \mu \alpha \rho \iota \omega . \nu \tau o ~ c \epsilon c \bar{\eta}$. which excludes my suggestion though an explanation still remains to be found.

The payment is one of $\mathrm{r}, 600 \mathrm{dr}$., which does not correspond with Déléage's theory, though a part payment in these circumstances is not impossible.

## 2578

## $8 \times 15 \mathrm{~cm}$.

30 March A.D. 298

$\gamma^{\prime} \kappa \alpha i{ }^{\circ} \beta^{\prime} \kappa \alpha i \epsilon^{\prime} \tau \hat{\omega} \nu \kappa \nu р i \omega \nu \nu \dot{\eta} \mu \hat{\omega} \nu \Delta$ ок $\lambda \eta \tau \iota \alpha \nu о \hat{v}$
 $C \epsilon \beta a c \tau \omega ิ \nu$ ỏvo $\mu(\alpha ́ \tau \omega \nu)$ © $\omega \nu$ viov каi Kácтopoc viôv




## 

'There was paid for capitation tax of the past thirteenth and twelfth and fifth year of our lords Diocletian and Maximian and Constantius and Maximian, Augusti, in the names of Thonius and Castor, his son, two thousand four hundred drachmae (dr. 2,400).
'In the fourteenth and thirteenth and sixth year, on the fourth Pharmouthi.
'I, Didymus, have signed.'
$7 \Delta i \delta v \mu o c:$ he is probably the cucrázクc (cf. PSI I63, 462 ; Mertens, Les Services, pp. 39 seqq.), or possibly his $\beta$ on $\theta$ oc (PSI 462). Since the occupation of the taxpayers is not mentioned, I suppose that this is not a receipt from a guild official, but cf. 2579 II.
:

## 2579

$\mathrm{I}_{3} .5 \times 9 \mathrm{~cm}$.
4 August A.D. $3^{\mathrm{I}} 3$ (?)
(b) $\delta \iota \epsilon \gamma \rho \alpha^{\prime} \phi \eta$ vinध̀ $\rho$ є́ $\pi \epsilon \iota \kappa \epsilon ф \alpha-$


入̀єv́cєı тоv̂ ठıacŋ $\mu \circ \tau a ́ \tau o v$



$\kappa[\alpha] \gtreqless$ Пaү́́vضc viòc rồ $\pi \rho o-$
$\kappa \in[i] \mu \epsilon ́ v o v \quad$ с $\iota \pi \pi a<\delta \in c$.
10 Mecop ${ }^{\prime}$ เa'

сєс $\eta \mu \epsilon \epsilon^{\prime} \omega \mu \epsilon$

[^0]'There was paid for the city capitation tax of the present (seventh) and fifth year in accordance with the command of the most illustrious . . . one thousand and six hundred drachmae of silver (dr. 1,600 ), under two names, Dioscorus and Pagenes, son of the aforesaid, tow-workers. Twelfth Mesore. I,600), under two names, Dioscorus and Pagenes, son of the

 48 n . $\mathbf{\text { . }}$
3 [द] $]^{\prime}$ каi $\epsilon^{\prime}$ (Constantine and Licinius) $=312 / \mathrm{I} 3$ cf. Wilcken, Archiv iii 383 seq. [s] ${ }^{\prime}$ кai $\epsilon^{\prime}$, (Diocletian and Maximian) $=289 / 90$ would be much earlier than the other documents, and the financial reform with which this tax is associated is thought to have occurred c. A.D. 297, cf. P. Cair. Isid. I. A.D. 3 Io/ II ( 7 Maximinus, 5 Constantine) is also possible, v. P. Cair. Isid. 54,9 ( (?) ; I46, 4, 6, 8, io. $6 A:$ the sign for 1,ooo is abnormal. It appears to be based on the usual one of a surmounted by a hook and looks rather like that combination in P. Warr. I2 I5 (Pl. IV), but its construction is that TAPA lxxxix (r958), pp. 378 seq. 9 curтacoce: the form is not easily explicable, but I take it to be a noun in -ac from curTeion
(cyurtiov), meaning a seller or maker of tow; see L. R. Palmer, op, cit. 49 seq. for many new words (cruntєiov), meaning a seller or maker of tow; see L. R. Palmer, op. cit. 49 seq.
of this sort and cf. cxouvac in PSI 780
5 . Perhaps the scribe wrote the singular for the plural wrote $\delta$ instead of $\tau$, as often (Mayser i 1775 ), and forgot to erase the superfluous $c$. For a procedure ap parently of the same sort cf. TAPA xci (1960), p. I39 (P. Cornell Inv. no. i, 8I 1. 24), where aypa $\mu$ -

II $\mu \eta \nu \Delta a ́ p x \eta c:$ this officer is known only in Oxyrhynchite guilds, see San Nicolò, Ägyptisches Vereinswesen ii 55,53 3, 846,11392 .
2580. Account of Pitch
$9 \times 33.5 \mathrm{~cm}$.
Earlier third century
These crudely written accounts stand on the verso of a long, narrow strip of papyrus, leaving the lower half of it blank. They deal with a single transaction, the purchase and shipment of 100 talents of pitch. Pitch often figures in accounts : it had many uses, for example in pottery ( $\mathbf{1 7 5 4}$; 2570 ii ; BGU 884; PSI 44i), as a medicine (P. Grenf. i $5_{2}$; PSI 487 ), and for waterproofing (Pliny N.H. 16, II, 2I ; PSI 437). The price here quoted ( $2-3 \mathrm{n}$.) suggests a date before c. 250 , and the hand points to a date after c. 200.

The recto contains a single column of twenty lines, written in elegant secondcentury cursive; the beginnings of the lines disappeared when the parent roll was cut up and reused. The text presents a list of house-property and vacant lots. Each entry is followed by a figure in drachmae ( $\mathrm{x}, 6,12,16,50,67 \mathrm{dr}$.) ; in most cases there are also $\pi \rho \circ(с \delta \iota a \gamma \rho \alpha \phi \dot{\rho} \epsilon \nu \alpha)$ of one-sixteenth, calculated on a six-obol drachma. Clearly we have to do with taxation, and taxation on real estate. This points to the $\epsilon \in \kappa \check{\kappa} \kappa \lambda \iota o v$ Most of the sums mentioned fit such a supposition: i.e. they could represent io per cent. of a purchase price (Wallace, Taxation 227 seqq.) -compare the prices listed by Johnson, Economic Survey ii 257 seqq.
$\tau \epsilon \mu \bar{\eta} c \pi i c c \eta \subset \llbracket(\tau a \lambda.) . . \rrbracket$＇$\beta \dot{\omega} \lambda(\omega \nu) \overline{\xi \alpha^{\prime}}(\tau a \lambda.) \rho$ $\mu \nu \hat{\omega} \nu \bar{\eta} \dot{\omega} c \tau o \hat{v}(\tau \alpha \lambda)$.

фí̧ovтaи тov̂ ста日ноv̂
$5 \hat{\epsilon} \dot{\delta} \delta \dot{\epsilon} \dot{\sigma} \tau(o c) \dot{\omega} c \tau o \hat{v}(\tau a \lambda)$.
$\mu \nu \hat{c} c$ Ld，$\gamma \gamma^{\prime}(\nu o \nu \tau \alpha l) \tau \omega ̂ \nu$
$\tau \alpha \lambda \alpha{ }^{2} \tau \omega \nu \stackrel{\rho}{\rho} \mu \nu \alpha \bar{i} \bar{\rho} \bar{\delta}$


（ $\delta \rho$ ．） $\bar{\eta}$
10
$\mu \epsilon \tau a \phi \in ́ \rho \circ u c \iota$ ic $\tau$ ò $\pi \lambda$ oîov
$\dot{\omega}$ то仑人 $\beta \dot{\omega} \lambda(o v)$（ $\beta \beta \dot{\omega} \lambda(\omega v) \llbracket \xi$ ．$\rrbracket$
$\bar{\xi} \bar{\alpha}$
（ $\delta \rho$ ．）$\iota-$

фópov 乌̌v（остасíac）ảyopavó $(o v)$ ảvri cvv－
крісє $\omega \boldsymbol{c} с \tau а \theta(\mu \nu \hat{v})$
сшракíwv каi өúpac
＇Cost of pitch： 6 lumps，i．e． roo tal． 8 minae，at $\eta \mathrm{x}$ dr．per talent：I tal．I，roo dr．From this is deducted－since the standard lacks $\frac{8}{s}$ mina per talent，in all 94 minae on Too tal．－ 88 dr．Remaining
cost， I tal． I ，or2 dr ．To the workmen for weighing the pitch， 8 dr ．for transporting it to the boat， $6_{\text {I lomps }}$ at 2 ob．per lump，I7 dr．I ob．Payment for weighing and standard，$z$ dr．Payment for weighing，to the agoranomos，in return for comparison of the standard， I ob．Baskets and door $(?)$ ， 5 ob．＇

2－3 Prices were much higher in the middle and late 3rd cent．：a talent of dry pitch cost 240 dr ．in 2－3 Prices were much higher in the middle and late 3 rd cent．a talent of dry pitch cost 240 dr ．in
A．D． 255 （BGU Economic Survey ii 43 seq．
 course，he knew already how much rebacted he had correct answer in line 8 ，despite his mistake－o mality．

II－I2 After $\dot{\omega}$ c Toô $\beta \omega \dot{\omega}$（ov）the papyrus has a single horizontal stroke（ I obol）above a small lacuna．The arithmetic requires us to restore a second stroke（ 2 obols）．Even so，the total in 1.12 is only approximate ：assuming a 7 －obol drachma（which gives the closest result），the carriage－charge whs out at 17 dr .3 ob ．The writer has omitted the haggling and approximations which stan I6 cwparkwv ：the de and the sum actually disbursed．



2581．List of Buildings and Materials
$13 \times 22 \mathrm{~cm}$ ．
Third century
This piece of an account was cut from a larger sheet or a roll to take the letter which appears on the verso（2600）．The foot is intact，the straight edges at the sides each pass through a column so that there are only ends of lines from the first column and beginnings from the second．It is damaged at the top．

It gives a list of buildings together with amounts of building materials used or to be used upon them．No amounts of money appear．

The occurrence of a＇great praetorium＇and probably a gymnasium shows that the place was an important one．The mention of a temple or shrine of Apis suggests that it was Memphis，for which alone an $A \pi t \epsilon \hat{c}$ OGIS go 33），but Wilcken thought there was an aedicula of Apis in Alexandria（UPZ i，p．93）and there may even be a trace of Apis worship in Oxyrhynchus（E．G．Turner， Recherches de Papyrologie ii，p． 120,1029 I7）．

Col. i

го
]..........
] $] \pi v \theta$.[...] [
] [.]....
] .....
] $][\nu] \lambda \omega \omega \circ \subset$
]... $\pi \eta_{\chi}^{\prime}(\epsilon \epsilon c) c \tau \epsilon \rho(\epsilon o i)[$
]. . $\pi \dot{\eta x}(\epsilon t c) c \tau \epsilon \rho\left(\epsilon \sigma^{i}\right)$


]. $\pi \dot{\eta} \chi(\epsilon c c) ؟ \tau \epsilon \epsilon\left(\in \epsilon_{i}\right)[.] .{ }^{\prime}$

15 $\qquad$
]
c] т $\rho \circ \gamma \gamma$ vגaw
]. $\operatorname{\pi o\delta }$ ( )
vimocтeıp( )
20
] $\tau \epsilon \rho \in \circ i^{\prime} \quad \rho . \beta \gamma^{\prime \prime}$ ]av $\alpha$
]
]vov $\tau 0$. . Tov
].косато. cvv
25 ] $\epsilon \iota p(\quad)$ $] \pi \eta_{\chi}(\epsilon \iota c) ~ с \tau \epsilon \rho \epsilon \circ \frac{\prime}{\prime}$
 ] $\left.{ }^{c \tau \rho \circ}\right] \gamma \gamma \nu \lambda a \iota \sigma$
30
$\delta \epsilon v \tau \epsilon ́ \rho[a] c$ cтє́ $\gamma \eta c$
]
Col. ii 5 seqq. cubic (cubits?)...... gymnasium . . . ovens for gypsum ... ovens for plaster . . carpenter's glue... iron, by weight .... Pillars for the double stoa... of in cubits with ...... pillars ... bases and drums ... wagon (stones)... small portable (stones) ... stones for the Apideion
stones . . . . . . from Akoris or Alabastr . . . For the great praetorium . . . baked brick for three stories . . unbaked brick... beams of eight cubits. .

Col. i If The articulation crporyúdar ov is possible both here and in 1.29 , but it seems more likely that it is part of a new adjective crporvodaioc ( $=$ crpoyródoc) ; cf. ii. 20 фортıaioc. Col. ii 4 The top-horizontal-fibres are lost.
7 seq. ct. Reil, Beiträge, p. 34; A. Lucas and J. R. Harris, Ancient Egyptian Materials and Industries, pp. 76-79.



 1. Ig. The Apideion, of course, would have to be quite close, in the same building or opposite.

I9 кє $\phi[$ : к кє申adíc capital, keystone. $\pi$. ทํovuévou without, as it seems, further description, haps implies that ii, Im22 concern the same building, either the gymnasium of 1.6 or a larger complex containing a gymnasium. The opening of a new section at l. 23 may be taken to confirm this.
22 There were quarries at these places in the Hermopolite nome. It is uncertain whether the
 one place or two, v. J. Vergote, Studi Calderini e Paribeni ii 389.
${ }^{23}$ For the functions of a praetorium $v$. Mommsen, Hermes xxxv 437 seqq. There would certainly have been one in Memphis, where the conventus was held regularly (cr. Reinmuth, Ihe Prefect 79, Antinoopolis (Arch. iv II6 i 13, A.D. 258), Arsinoe (P. Zilliacus 8, 23, 6th cent.), Koptos (P. Gothembourg 7,7 , $4^{\text {th }}$ cent.), and perhaps in Oxyrhynchus ( 2127 io, late 2nd cent.).

## PRIVATE DOCUMENTS

2582. Sale of Slave

$$
24 \cdot 6 \times 10 \mathrm{~cm}
$$

3I January, A.D. 49
Little more than the prescript of this deed survives-the top strip from what must have been a very handsome document (the margins are of 4 to 4.5 cm ., the hand is a splendidly rapid and professional cursive). The sale was transacted at Euergetis above Memphis, and the seller himself comes from Taamechis in the Heracleopolites; no doubt it was the buyer, Pasion, who took this copy home to Oxyrhynchus.

 $\Pi \alpha c i \omega \nu$ Ap $\begin{gathered}\text { ©́vıoc }\end{gathered}$
 $\kappa \alpha \rho \pi \hat{\varphi}$ ả $\rho \iota \subset \tau \epsilon \rho \hat{\varphi} \pi \alpha \rho \alpha ̀$




$\mu \in \lambda!\chi(\rho o v \nu)$

## 

'Eleventh year of Tiberius Claudius Caesar Augustus Germanicus Imperator, sixth of Mecheir, dies augusta: at Euergetis above Memphis, before Harbes as agoranomos. Pasion son of Harthonis, from the city of Oxyrhynchus in the Thebaid, age about 52 years, middle height, honey-coloured, long-faced (?), a scar on the left wrist, bought from Metrophanes son of Heras, from the village of middle height, honey-coloured, long-faced (?), a scar on the left forearm, in the street of the good anchorage (?), a home-bred female slave whom Metrophanes stated to be his property, her name Demetrous, age about 25 years, middle height, honey-coloured. . . .'
 now Aeg. 44 (1964), p. 160.
 toparchy (Mitteis, Gz. 58) ; and it was south of Memphis. Notice the nome-capital Euergetis in 1025 W. Chr. 493), ${ }^{\text {I }}$ and the Heracleopolite ${ }^{2}$ Euergetis in 814. Was Euergetis another name for Hera-
cleopolis Magna?

A A festival of Kronos is likely enough in the Heracleopolites, cf. Holm, Griech.-Agypt. Namen
2 studien 80. $\quad{ }^{2}$ If the other village mentioned (Thelbo) is a guide: P. Hib. 218, 52, n

3, 5 f : a tall rho, the head level with the suprascript $\chi$ which precedes it, the tail bisected by a horizontal which joins the o of $\bar{o}$. This rho clearly does not belong to $\mu \in \lambda i x \rho(\omega c)$, for the doubletter suspension and the cross-stroke would both be abnormal; and in fact $\mu \epsilon \lambda i$ alone appears at the end of 1.6. f normally represents $\pi \rho$ or $\chi \rho$ : here I can think of nothing more plausible than ( $\mu \alpha \kappa \rho o$ )$\pi \rho(o c \omega \pi \circ c)$, the word which commonly occurs at this point in the formula (Studi della Scuota Papyro logica Iv ii 29). Some early Roman documents have the form 156; 159 ), but there is no sign of the first two letters in 2582.
4 Taan $\chi \chi \epsilon \omega \subset$ : I have not found the name of this village elsewhere. The Coite toparchy is well ttested for both Ptolemaic and Roman times (P. Hib. i-ii, BGU viii, Chronique d'E'Eypte xxiii (1948), p. 149 seq.; BGU ormulaic èv áyvuà has no qualification; (2) street-n aises obvious difficulties: (I) elsewhere the pattern-gods or persons, trades, or nationalities. But I have failed to find another reading (the ink is quite clear).
2583. Division of Inherited Property

$$
14.3 \times 18.6 \mathrm{~cm}
$$

Second century
Diophantus and Horion divide up the estate of Heraclius. The estate consists in assets ( $5-10$ ) and liabilities ( $12-17$ ) : as assets, movables and grains and donkeys; as liabilities, money owed on mortgage and in arrears of taxation. Horion takes half the assets, and pays over to Diophantus his share of the liabilities. A further arrangement was made ( 22 seqq.) for the division of a leased farm, but the details remain obscure. For similar documents, cf. 1278 and 1637-8; Calderini gives a list of diaiveseis in Studi . . . Arangio-Ruiz iii 277.

The text is written on the recto, parallel with the fibres, in a normal secondcentury cursive.






















 [.....]. $\pi_{\rho} \ldots .$. . $\tau \hat{c} \subset \mu c \theta \omega ́ c \epsilon \omega c$ र $\rho o ́ v o v ~ o \hat{v}$
arge
own half-share, one donkey out of the two donkeys; and that neither of them makes any charge against the other in this matter, nor does Diophantus either about the entire advance-loan on farmland hecause he has received from Horion the share which falls to him, nor do either of them about any other matter written or unwritten in respect of themselves or Heraclius from former times up to the present day, on any pretext at all.. .. all the sheep and the hay collected in the hay-barn and the farm . . . the period of the lease of the plot which Heraclius leased at Schoibis . . . in accordance with the lease. . .
ro Something seems to have fallen out after $\mu$ époc. As the clause stands, it implies that the parties have not taken possession of their shares in the movables and grains (contrast the plural $\tilde{\alpha}$ in 9 ).
${ }_{25} \complement_{\text {xoî }}$ iv is the most likely reading, but I cannot parallel it as a place-name.
2584. Lease of Land

$$
{ }_{17} \times{ }_{17} \mathrm{~cm} .
$$

A.D. 21 I

This is a contract for a five-year lease of arable land and at the same time a receipt for the whole rent paid in advance. In the text it is called a $\mu \iota \theta a \pi \sigma \chi \eta$ (Herrmann, Bodenpacht, pp. 13 seqq., 234 seqq.; Waszynski, Bodenpacht, pp. 24 seqq., 107 seq.) and this is apparently the earliest use of the term. Parallel documents known to me are 2284 (258), BGU 409 (313), P, Harris 82 (345), CPR 247 (346), P. Gen. 67, 69, 70 $\left(382,386\right.$, ? 38I), P. Gron. 9 (392). ${ }^{\text {I }}$ P. Gen. 66 (374) and P. Cair. Isid. 98 (29I/2) are similar but do not contain the word $\mu c$ c月amo $\chi^{\prime}$, which is also used in passing in BGU 944 (4th/ 5 th cent.). Some documents containing the words $\epsilon \in \kappa \pi \rho \circ \delta o ́ \mu a \tau o c$ or described as тробо $\mu а т \iota к а і ~ \mu ı с Ө \dot{\omega} с є є$ (Herrmann, op. cit., pp. 229 seqq.) appear to concern essentially similar transactions, but the $\pi \rho o \delta^{\delta} \rho \mu$ is often only a part payment.

Subjoined to the contract is a petition by which the woman lessor asked the exegetes to appoint a guardian for her.
 $\ldots \ldots .[.] \ldots . . \theta^{\theta} . c .[] ..[$. In the left margin there are several letters and signs which I am unable to read.
${ }^{\text {I Add now P. Lugd. Batav. XIII, no. I7 (3rd cent.). }}$






















 кра́тто’९ọ́＇
 тар！к（ $(\hat{v})$








 $[\omega \nu$
 25 1．$i \in \rho \in \hat{i}$
＇Patkous also called Sarapous，daughter of Dionysius，son of Harpocration and of ．．．of the city of the Oxyrhynchi，with her guardian Dionysius son of ．．．ion and of Areia from the same city，whom I chose ．．．（of）the strategus of the nome by Apollonius ．．．exegetes in office，senator of the same city， senator of the same city，through Heracleides，secretary．I declare，in accordance with a report of Beitharion，also called Demetrianus，and Ptolemaeus，who manage the contract of the exchange－bank in the city of the Oxyrhynchi，that I have leased to you for five years from the incoming twentieth year six arourae belonging to me at senepsau from the twelve（that hocincor at a fied rent brother Proclus，to sow and plant with what you choose except woad and coriander，at a fixed rent per year of two hundred drachmae of silver，and that I have received from you on the spot in full through the said managers of the bank the total of one thousand drachmae of siver for Ame woins． And if any（of the land）remains unwatered an allowance will be made to you for the following years in land watered by the Nile and I shall necessarily confirm the rent－receipt for you for the five－year term with every confirmation or I shall pay you double the money that I had；and you shall have rights of exaction over me and all that belongs to me，and the power from now on whenever you may wish to register，by yourself，through the property register office，the rights of this rent－receipt，which is valid．The nineteenth year of the emperor 【s】】 Marcus Aurelius Antoninus 【ąnd Publius Septimius Geta 1 ＇And Bere is a copy of the petition：
＇To Apollonius，priest，exegetes in office，senator of the city of the Oxyrhynchites，from Patkous also called Sarapous，daughter of Dionysius，and of T ．．．of the city of the Oxyrhynchi．I wish to conclude with Theon also called Ammonius，ex－gymnasiarch，senator of the same city，a rent agreement and receipt for six arourae at Senepsau in the Oxyrhynchite nome out of the twelve which I hold in common with my full brother Proclus，for a five－year term from the incoming twentieth year ．．a rent of one thousand drachmae for the whole five－year term ．．．
 Пaxcev̂c）could be read，but in 1． 26 the traces seem to demand $\kappa$ or $!\leqslant \cdot$ ．

2 It is not clear whether we have here an explanation of why the tutor was necessary，or of why the exegetes was applied to．For the latter cf． 56 I2 seqq．，where the exegetes is approached because the deputy strategus and royal scribe is away from the city，but the exegetes often appointed guar dians，v．P．Tebt．397， 4 n．， ．
space looks too small for the restoration of eight letters，and cf．P．． imply that if the applicant had had a father，no official designation of a guardian would have been necessary．

7 Beitharion also called Demetrianus appears in 1552 （A．D． $214 / 15$ ），where he is an $\dot{\alpha}_{\mu} \mu \circ \delta \delta \gamma \rho a \mu$－ $\mu a \tau \epsilon \dot{c}$ c，and in 1696 （A．D．197）．

Ptolemaeus：cf．perhaps PSI iv 295，to．


$82,3,32$ ．${ }_{23}$ Geta＇s name is struck through，and the titles in the next line have been altered to the singular form，v．P．Mertens，＇La Damnatio memoriae de Geta dans les papyrus＇，in Hommages à Léon Herr－ mann，pp．54I－52．
 $\tau$ ，but it has a ligature from the top of the vertical to the following letter，which is unusual．
2585. Lease of Fallow Land

$$
14 \times 22.7 \mathrm{~cm} .
$$

This is a conventional epidoche: on the form see J. Herrmann, Studien z. Bodenpacht 25 seqq. Aurelius Leonidas, who here leases fallow land in the $\pi \epsilon \rho i \chi \omega \mu$ П $\Pi$ 'єктv, appears again in 103 (A.D. 3r6) and PSI 469 (A.D. 334), where he leases land in the neighbouring $\pi \epsilon \rho^{\prime} \chi \omega \mu a$ Nє́c $\lambda \alpha$ (cf. PSI 187,8 seqq.) ; in all three leases the land is to be sown with flax. The rent per aroura here stipulated shows a sharp increase on 102, a similar contract of A.D. $306: 4$ tal. against I tal. $3,500 \mathrm{dr}$. Naturally short-term leases were the rule at this time.

The other Oxyrhynchite leases are listed by Herrmann and in the introduction to 2851.
vi $\pi \alpha \tau \epsilon i \alpha c ~ \tau \hat{\omega} \nu \delta \epsilon c \pi[\circ \tau] \hat{\omega} \nu \eta \dot{\eta} \mu \hat{\omega} \nu K \omega \nu c \tau[\alpha \nu \tau i ́ v o v]$















pıкòv фópov Пav̂vи каi 'Eфir uŋcìy [ $\tau \circ \hat{v}]$ av̉тov̂ [E้T] ovc



 каi $\Lambda \iota к \iota \nu \nu i ́ o v ~ с є \beta a c \tau \omega \hat{\omega}$ A A $\theta \hat{v}[\rho]{ }^{\prime}$


25 тò ícov.

 is a correction $\quad 24$ I. Mwplavoû $\quad 25$ ícov
' In the 4th consulship of our masters Constantinus and Licinius Augusti. To Aurelius Dioscorides also called Julianus, gymnasiarch and former prytanis and senator of the illustrious and my own free will I undertake to lease, for the present 8th and Ioth year only, out of your possessions at the Embankment of Pekty, in the so-called ground of Karabus, fallow land measuring two and a half arourae according to the survey, or however many arourae there are, being part of the ten southern arourae on the west . . . with a view to the sowing of flax, at a rent of four talents of silver for each aroura, the whole amount being guaranteed against risk of any kind; and the public dues of If land rest on you, the landowner, and you remain owner of the produce untin you receive your due. Pauni and Epiph of the same year, without delay; and you have the right of execution on me as is proper. The undertaking is valid; and, in answer to the question, I have made acknowledgement. Year io and 8 of our lords the same Constantinus and Licinius Augusti, Hathyr ... (2nd hd.) I, Aurelius Dioscorides also called Julianus, have received a duplicate of this, through me, Morianus the assistant.'

1-2, 2I-22 The old and new systems of dating are combined, as in other documents of this transitional period: cf. 102 (A.D. 306) ; P. Lips. 19 (A.D. 319). See J. Herrmann 4I.

 (e.g. 2137 35). The superfluous $\tau \in$ recurs in the same phrase at 168937 (A.D. 266) and 103 I9 (A.D. 376 ) ;

$1-150$.
2586. Contract of Apprenticeship
$8 . \mathrm{I} \times 34.4 \mathrm{~cm}$.
15 September, A.D. 253
A detailed and well-preserved contract, in which Hermias apprentices his son to Dioscorus the linen-weaver. Almost all its provisions are easily paralleled from the other didaskalikai: see the list and analysis by J. Herrmann, JJP xi-xii ( $1957-8$ ), pp. II9 seqq.

There is, however, one abnormal feature. In ll. 30-34 Hermias receives 400 dr .
 ship. The extant didaskalikai offer no parallel to this arrangement. ${ }^{\text {r }}$ But something similar is implied in BGU iv ri24. In this document Nilus the nail-smith acknowledges the cancellation of a synchoresis of April/May 18 B.C., under which Heraclides and Taurinus apprenticed Heraclides' son to Nilus and received a loan of 100 dr . With the cancellation Nilus receives back his money, and Heraclides is free to apprentice his son elsewhere. Here, then, as in 2586, a loan was part of the terms of the apprenticeship.
${ }^{\text {I }}$ In P. Mich. ii I2I R ii 8 (an obscure summary) the sum which changes hands may represent advance of wages, as, e.g., in P. Tebt. ii 385. P. Tebt. 384
tion) are not apprenticeship contracts but paramonai.

The master would have security in the apprentice＇s labour；interest might be met by an adjustment of the apprentice＇s wages（ 2586 makes no mention of interest，and the relevant clauses of BGU $\simeq 124$ are mutilated）．${ }^{\text {I }}$

The text is written along the fibres in a minute cursive．What we have will have been the father＇s copy，since it bears the master＇s signature－a signature written half by proxy before Dioscorus plucked up courage to exercise his spindly capitals（ 58 seq．）．


рауони́саขтос $\tau \hat{\eta} \subset[' O] \xi v \rho[v \gamma \chi \epsilon \iota \tau \hat{\omega} \nu]$
то́дє $\omega$ к каi $\Delta$ 七о́скорос $\AA A \theta[\eta \nu о \delta \omega ́ \rho о v]$
5 ảmò $\tau \hat{\eta} c \alpha v ้ \tau \hat{\jmath} c \pi o ́ \lambda \epsilon \omega c$［ $\lambda \iota \nu o ́-]$ $v \phi o c$ ó $\mu$ ย̀v＇E $\rho$ puíac ék $\kappa \delta \delta \delta[o ́ c] \theta[a]$

$\pi \rho o ̀ c ~ \mu \dot{a} \theta \eta с \iota \nu \tau \eta ิ c ~ \delta \eta \lambda o v \mu$ é－








$\pi \eta \subset o ́ \mu \varepsilon \nu \alpha$ av̉т＠̂ vinò $\tau \circ \hat{v}$ モ̇ $\pi\llcorner c \tau \alpha ́-$
тov $\alpha \nu \eta \eta^{\prime} \kappa о \nu \tau \alpha ~ \tau \hat{\eta} \delta \eta \lambda о \nu \mu$ év $\eta$


то̀v $\lambda$ оぃто̀v хро́vov $\lambda \alpha \mu \beta$ ávov－
$\tau \alpha \dot{v} \pi \epsilon \dot{\epsilon} \rho \mu c \theta \theta o \hat{v} \tau \hat{\eta} \mu \dot{\epsilon} \nu \pi \rho \omega \dot{\tau} \tau \eta$


${ }^{1}$ Lewald（Personalexefution 18 seq．）and Taubenschlag（Opera Minora ii 27 I seq．）take a dif－ ferent view．For them the synchoresis menton the BGU I154．This never was a plausible interpretation．The loan－paramone has a quite different pattern：the loan is acknowledged first，then comes the special arrangement about interest－
 tages of an apprenticeship should not include a loan．And 2586 now shows conclusively that such a clause is not out of place in a didaskalike．

$\lambda o \nu$ є̇vavtò̀ ทं $\mu \epsilon \rho \eta c i ́ \omega c$ ỏßo－


ov є̇vavтòv ท̀ $\mu \in \rho \eta c i ́ \omega c ~ \delta \rho а \chi \mu a ̀ c ~$







 тарацєขєî т仑̂ є̇ $\pi \iota c \tau \alpha ́ \tau \eta ~ \epsilon ่ \rho \gamma \alpha \zeta o ́-~$






45 тé $\lambda_{\epsilon \iota}$ то仑̂ $\chi \rho o ́ v o v ~ \pi a \rho a \delta o ́ \tau \omega ~ \tau o ̀ v ~ \pi a i ̂ \delta \alpha ~$




$50 \pi \rho о \gamma є \gamma \rho а \mu \mu \epsilon ́ v \alpha$ ．кv́pıov тò ó $\mu$ о入ó－

 каі́сарос Поут入íov Иıкıvvíov

єv่cєßоข̂c єủ่vชov̂c cєßacтov̂
$\Theta \dot{\omega} \theta \overline{\iota \eta}$ ．（2nd hd．）$A \dot{v} \rho \eta ́ \lambda \iota o c \Delta \iota o ́ c \kappa \omega \rho o\langle c\rangle$
$А А \eta \nu \omega \omega \dot{\omega} \rho \circ v$ є̇ठ $\omega \kappa \hat{\omega} \dot{\omega} \subset$
（3rd hd．）тоо́кєıтає каi єंтєрш－
$\tau \eta \theta i c ~ \omega \rho \mu \omega \lambda \omega ́ \gamma \eta<a$.
$20-\chi \eta \mathrm{c}: \eta$ corrected (from $a$ or au?)
28 тeגєutaî-: al corr. from o
57. $1 . \epsilon \dot{\jmath} \delta \circ \kappa \hat{\omega}$
$59-\tau \eta \theta i c: \theta$ corr. from $\tau$
'Aurclius Hermias, son of Ptolemaeus a former agoranomus of the city of Oxyrhynchus, and Aurelius Dioscorus, son of Athenodorus, from the same city, a linen-weaver, acknowledge to one another
'Hermias, that he has handed over his son to the overseer to learn the said craft for a period of five years from the present month Thoth of the current 12 th year; for which period the father shal make the boy available to the overseer each day from sunrise to sunset, the boy being maintained verseer shed by his father, carrying out all the instructions pertaining to the said craft which the overseer shall give him, and going without wages for six months in return for tuition, but for the
remaining time receiving as wages-in the first six months two obols a day, and for another year, six obols a day, and for another year ten obols a day, and for another year two drachmae, and for the six obols a day, and for another year
final year 2 drachmae 4 obols a day.

And the same Hermias acknowledges that he has received on the spot as a loan-in-ad
Dioscorus four hundred drachmae of silver, which he will return at the end of the time.
And if the boy is idle on any days during the time that he is receiving wages, or (may it not
happen) is ill, he shall stay with the overseer for the same number of days, working without wages. And the boy shall have, on account of festival holidays, Tybi, Pachon, seven days at the Amesyia, two days at the Serapeia
'For they agree on these terms; and the overseer aforesaid will carry out all the provisions; and at the end of the time let him hand over the boy a perfect worker in the said craft, just as able as the
overseer himself. It is permitted to none of the acknowledging parties to transgress the above-stated terms. The acknowledgement is valid, and we have put the question to one another and made acknowledgement. Year $x 2$ of Imperator Caesar Publius Licinius Gallienus Germanicus Maximus Pius Felix Augustus, Thoth 18.
(2nd hd.) I, Aurelius Dioscorus, son of Athenodorus, agree as (3rd hd.) stated above; and, the question being put, I have made acknowledgement.

5-6 [ $\left.\lambda \omega \nu^{\prime}\right]$ ] ${ }^{\circ}{ }^{\circ}$ oc: this restoration seems far the most likely, though theoretically there are other possibilities (Buck and Petersen, Reverse Index 407 ). For the spelling, required here by the rules of syllable-division, see Aeg. xxvi ( (I946), pp. I6 seq. There survives only one other apprenticeship to
this trade : P. Fouad 37 (A.D. 4). I this trade: P. Fouad 37 (A,D. 48). ${ }^{1}$ None the less, linen was among the most important Egyptian ex-
ports : nam cum (Gallieno) nuntiatum esset Aegyptum descivisse, dixisse fertur 'quid? sine lino Aegyptio esse non possumus!' (SHA. Gall. 6. 4). See P. Giss. I ii, p. 39.
 been a more important person than those who usually figure in apprentice-contracts.
Io $\pi$ teve : a long term, paralleled only in 725 and in $P$. Mich. I2I R ii 8.
 against it.

14 seqq. No mention is made of taxes or trade-dues ( $\mathbf{1 6 4 7 7}$, introduction; Herrmann I27 seq.).
In segq. Wages increase in steps of 19 seqq. Wages increase in steps of 4 obols. The yearly totals are: A.D. $253 / 4$ (six months only),

1. dr.; $254 / 5,360 \mathrm{dr} . ; 255 / 6,600 \mathrm{dr} . ; 256 / 7,720 \mathrm{dr}, ; 257 / 8,960 \mathrm{dr}$. Rising scales appear in other contracts (Herrinann I23), but there are too many unknown to make comparison safe. It may be worth noting the yearly cash payment which at this time Aurelius Apianus was making to his phrontistai Irenaeus and Heroninus-480 dr. (P. Lond. 1226; P. Flox. 32x-2 ; SB 9408-9).

39 seqq. Holidays are specified in three other contracts: P. Fouad 37 (A.D. 48) offers 36 days a year; 725 (r83) 20 days; and 1647 (late 2nd cent.) 18 days. The master no doubt kept a record of icensed and unlicensed idleness: such an account seems to have survived in the 'Heidelberg Festival apyra (the Se Johnson
${ }^{1}$ Cf. P. Ryl. iv 654 .
ib. 29 and Eitrem, Symb. Osl. xvii 44 seqq. (add P. Iand. 95, 14, SB 9409, no. 7 iii 56 ). There are diff culties in the interpretation of this clause:
( $)$ 'Holidays on festivals in Tybi and Pachon, (namely) at the Amesysia and at the Serapeia.' This might mean that there were Amesysia and Serapeia in both Tybi and Pachon; or that Amesysi fell in Tybi and Serapeia in Pachon. Other attested dates for these festivals are inconsistent and Flor, ii III (A.D. 257, Fayûm) Heroninus is taking thought for the Amesysia about Pauni I2 (cf. SB 9409?); (c) P. Ross.-Georg, ii 4 I (2nd cent.) Amesysia is the last festival mentioned before Phaophi 4 . A single dating might be deduced from these three sources, but it would certainly not accord with the data
 $30 ;^{2}(b) S P P$ xxil I83, 72 and III seq. (Ant. Pius, Soknopaiou Nesos) Serapeia begin on Choiak 26 and last for perhaps eight days. These celebrations might spill over into Pachon and Tybi! But there ar too many unknowns for a real solution of the difficulty.
(2) Holidays consisting of Tybi and Pachon and seven days at the Amesysia and two at the the high wages and the unusual standing of both apprentice (grandson of an Agoranomos) and master
 This view avoids the difficulties of ( x ), and should probably be preferred.
2. Repayment of a Loan
$10 \times 16 \mathrm{~cm}$.
I7 September, A.D. 289
This document is a receipt for partial repayment of a loan. It is interesting that the loan is said to be one of a thousand drachmae 'of Ptolemaic coinage', while the amount repaid is one thousand drachmae 'of new coinage'. This 'Ptolemaic' coinage is probably the same as the $\pi \alpha \lambda \alpha \omega \hat{v} \Pi_{\tau о \lambda є \mu \alpha i ̈ к о \hat{v}}^{\text {voніс } \mu \alpha т о с ~ a p p e a r i n g ~ i n ~ s i x ~ o t h e r ~ l a t e ~}$ third-century documents, see Johnson and West, Currency, p. 68 and SB 5I5I. (The papyrus referred to by Johnson and West as Mitt.P.E.R. iv, p. 146 has since been published in full as P. Vind. Boswinkel 12 .) There are four papyri of about the same
 77, P. Ant. 43, 1773) and one referring to ( $\delta \rho a \chi \mu a ̀ c$ ) $\pi^{\prime} \pi \alpha \lambda a a^{\prime}(\mathrm{P}$. Strassb. 233, 7). It seems probable that these expressions all mean the same thing.

These expressions are generally thought to show a preference for payments in actual old coin caused by the rapid progress of inflation in the late third century. But in this case it is clear that the expression has some conventional meaning since the debt is not repaid in the coin that was originally specified. By way of explanation I suggest that some old coin, which still retained a value as bullion, was adopted as a standard so that no loss would be incurred by a business-man who put his capital into a transaction that covered a period of time. That is, in the case of an interest-free loan, a man could lend current money equivalent to a certain number of 'Ptolemaic'
: It is always possible that a given festival occurred three times a year, in the first month of each of the Egyptian seasons, i.e. Thoth, Tybi, and Pachon: crf. P. Petrie iiic I 34, 4, 4.5.
2 Cf. P. Tebt. Ir Hermes xx 475 ) ; and $I G$ xii 5 , 38 attests Serapeia in Artemision for Amorgos in the Ist cent. B.c (Robert, REG xlii (I929), pp. 20 seqq.).
C 2244
drachmae on condition that the debtor repaid the value of the same amount of this coinage at the rate current at the time of the repayment．If the value of the new tetradrachm fell，more of them would have to be paid back at the end of the term．${ }^{1}$

This would explain satisfactorily why the expressions are used in loan contracts （2587，P．Lond． 1243 ，P．Vind．Bosw．I2），and in claims for money not likely to be met immediately（P．Berl．Möller x，P．Grenf．ii 77）．In P．Ryl．165，SPP xx 7I，and SB ${ }^{5151}$ the payments are to be made through banks and therefore may possibly have been subject to delay．In P．Ant． 43 it is not clear whether the transaction is by credit or not．But in 1773，P．Strassb．233，and $S P P \mathrm{xx} 72$ direct payments of＇old＇or＇Ptole－ maic＇coinage seem to be specified and if the coins were used as an exchange standard it follows that the bankers must have been familiar enough with them to have a con－ stantly revised exchange rate for them．

Unfortunately there is still no evidence to show what coinage is meant by the vague term＇Ptolemaic＇．Mickwitz＇s theory（Geld und Wirtschaft，pp．53／54）is that it means＇coins of the Ptolemaic type，i．e．older billon tetradrachms＇and he was driven to propound it because he could not believe in the large circulation of Ptolemaic coins which the documents otherwise imply for the late third century．On the theory sug－ gested here of a rarer use of the coins and a more widespread use of the term as a fictional standard，this argument is less cogent，and there have been，in fact，sporadic finds of Ptolemaic coins in hoards of the third century（ $v$ ．Milne，＇The Currency of Egypt under the Romans＇，Annals of Archaeology and Anthropology，vol．vii，p． 60 and n．I）．Before Mickwitz it was generally believed that it meant actual Ptolemaic coins， but Ptolemaic coins－like the Roman ones－varied greatly in silver content and if the standard really was a matter of bullion we should expect to find that＇Ptolemaic＇ means something quite precise－some particular issue or group of issues．

If this theory is correct one might have expected the receipt to say how many ＇Ptolemaic＇drachmae were deemed to have been repaid by i，ooo new drachmae and how many remained to be paid off at a future date and rate．There may perhaps have been a cancellation of the original loan contract and a new note given by the debtor． Or，if records of the exchange rate were kept，the date on the receipt may have been sufficient guarantee．
${ }^{3}$ See now A．Segrè in Chron．$d^{\prime}$ Ég．xl，no． 79 （Jan，1965）pp． 204 seqq．

2587．REPAYMENT OF A LOAN

## 

## Avтเขоєúc，фu入र̂c Паvえเvíov то仑̂

5 ó $\mu \circ \lambda о \gamma \hat{\omega} \alpha \dot{\alpha} \pi \epsilon \subset \chi \eta \kappa$ éval $\pi \alpha \rho \alpha ́ \operatorname{cov} \alpha ̉ \phi ' \hat{\omega} v$

ขо $і с с \mu а т о с ~ \delta р а \chi \mu \omega ิ \nu ~ \chi є і \lambda i ́ \omega \nu$


10

（ $\epsilon$ тоvc）$\varsigma^{\prime} \Delta \iota о к \lambda \eta \tau \iota \alpha \nu о \hat{~ к а i ̀ ~(\epsilon ' \tau о v c) ~} \epsilon^{\prime}$


кәс $\Omega \rho i \omega \nu$ ос єैсхоу
15
тàc $\tau 0 \hat{\text { ̂́ }}$ кaıvô̂ $\delta \rho a-$
$\chi \mu \dot{\alpha} \subset \chi \in i \lambda i ́ a c \cdot$
＇Aurelius Polydeuces，son of Horion，Antinoite of the tribe Paulinios and the deme Megalisios， to Aurelius Herm．．．．s son of ．．．of the same city，greeting．I declare that I have received from you， of new coinage．The receipt，of which there is a single copy，is valid and in answer to the formal question put by you I have given my assent．In the sixth year of Diocletian and the fifth year of Maximian，Augusti，on the twentieth of Thoth．
（2nd hd．）I，Aurelius Polydeuces，son of Horion，have received the thousand drachmae of the new（coinage）．＇



## 2588－2591．Sitologi Documents

It was common practice for individuals to maintain private deposits at the state granaries．They made payments from such accounts by issuing an order－to－pay：＇to the sitologi ：pay to X．．．2588－2590 are orders of this kind．The sitologi made the required transfer to the account of the payee，who then received a notice of credit： ＇paid to X，through the sitologi，．．＇． 2591 I－II is a notice of this kind．（See in general Preisigke，Givowesen In9 seqq．）Both forms of document could become negotiable instruments，if endorsed by the payee with his signature and a further order to pay． Thus 2591 was endorsed by the payee Sarapion in favour of Heraclides（ $12-15$ ）and again by Heraclides in favour of Zoilus（ $16-18$ ）．These successive endorsements re－ quired no further recourse to the office of the sitologi ：the documents circulated freely and so functioned almost as a paper currency．

2588，order for payment in grain． $7.3 \times 17.4 \mathrm{~cm}$ ． 24 September，A．D．148．The writing is excessively crabbed and irregular（no doubt the steward＇s own hand：in the absence of signature or seal，the script of the order was the only guarantee of its authenticity）．With this and the next two documents，cf．88；516；619－32；973；P． Lips．114－15 ；P．Strasb．127．
$\triangle \iota o \gamma \in ́ v \eta=\tau \omega ิ \nu \eta \gamma\langle\langle 0\rangle \rho \alpha-$
роцпко́тшข каi $\gamma v$－
$\mu \nu \alpha c \iota a \rho \chi \eta \kappa o ́ \tau \omega \nu$
$\delta_{\iota}$＇＇Epuíov oíкоvó $\mu$ оv




$\gamma \in \nu \eta \eta_{\mu}$ атос «а（є̈тоис）Avтоvívov
ro каícapoc тov̂ кvpiov ©बิvıc



Avтovivov то仑̂ кขрíov
I5 $\Theta \dot{\omega} \theta \kappa \zeta$ ．
 Youtie 13．1．$\eta^{\mu} \mu \ll$
＇Diogenes，former agoranomus and former gymnasiarch，by Hermias his steward，to the sitologi
the upper toparchy，Sko district．Transfer to Thonis，son of Thonis and of the upper toparchy，sko district．Transfer to Thonis，son of Thonis and grandson of Thonsius，of hold in deposit for me from the wheat－crop of the Irth year of Antoninus Caesar the lord．Year I2 of Antoninus the lord，Thoth 27 ．

2589．Order for payment in grain．II． $3 \times 12 \mathrm{~cm}$ ．（lower margin 6 cm ．）． 8 December， A．D．159．2589－91 are of about the same date，and all three involve the sitologi of Monimou．




5 ‘Hрак入̀ídovc ．［．．］．．v ảpráßạc סéкка ỏкт̀̀
 $\mu \eta \nu o ̀ c ~ A \delta \rho \iota a \nu o \hat{v}!\bar{a}$.
（2nd hd．）$A$ ．сєсๆ $\mu(\epsilon \dot{\prime} \omega \mu \alpha)$

51．＇H $\left.H_{\rho a k \lambda \epsilon i o ̂ \eta . ~ P e r h a p s ~}^{\pi[0 c}\right]_{\rho \rho 00 .} \delta \epsilon \kappa a: \delta$ written over $c(=10)$ $7 \longdiv { \underline { x } 9 }$
＇Horion ．．．to the sitologi of the upper toparchy，Monimou district，greetings．Transfer to Heraclides the eighteen artabae（making I8 art．）which you hold in deposit for me from the wheat crop of the 22nd year of Antoninus Caesar the lord．Year 23 of Antoninus Caesar the lord，IIth of the month Hadrianus．（2nd hd．）I，．．，have signed it．＇
5．［．．］．．$v:$ possibly $\pi[o i]$ Rov̂．But，as Mrs．Youtie points out，we expect a patronymic－perhaps
the same as in 2591 Iz seq． the same as in 2591 I3 seq．

2590．Order for payment in grain． $6.8 \times 2 \mathrm{I} \cdot \mathrm{I} \mathrm{cm}$ ．（lower margin 6 cm ．）． 8 December，A．D．$r_{59}$（the same date as the preceding document）．




5 то仑̂ $\delta \iota \epsilon \lambda$（ $\theta$ óvтос）к $\beta$（є̈тоус）$A v \tau \omega \nu i ́ v o v ~$
каícapoc то仑̂ кvрíov

$\Pi \epsilon \tau \rho \omega v i \notin \pi[v] \rho o \hat{v} \alpha \dot{\alpha} \rho \tau \alpha ́[\beta(\alpha c)]$

10
$\pi v \rho \circ \hat{a ̈} \rho \tau \alpha \beta(\alpha u) \pi \epsilon \tau \tau[\eta \prime \kappa] \rho \nu \tau(\alpha)$.

каícapoc Títov Ai入íou
Åplavô̂ Avtcuívov

$15 \mu \eta[\nu \circ ่] \leqslant$ A A plavov̂ $\overline{\iota a}$ ．
7 ．．［．］．：the first letter perhaps $\omega$ ；over the last letter an abbreviation stroke．
＇Heraclides son of Heraclides，of the city of Oxyrhynchus，to the sitologi of the upper toparchy， Monimou district，greetings．Transfer to Theon son of Theon，and to ．．．Petronius，the fifty artabae of wheat（making fifty artabae of wheat）which you hold in deposit for me from the wheat－crop of the past 22nd year of Antoninus Caesar the lord．Year 23 of Imperator Caesar Titus Aelius Hadrianus Antoninus Augustus Pius，ith of the month Hadrianus．＇
2591. Notice of credit and orders for payment in grain. $7.9 \times 18.9 \mathrm{~cm}$. A.D. $158 / 9$. With Il. I-II cf. 613-18; 1539-40. I am more than usually indebted to Professor Youtie for help in reading this rapid and much-abbreviated text.

каícapoc тô кvpíov $\delta_{l}(\alpha)$ ) cı(то入ó $\left.\omega \omega v\right)$



ov̂ $\gamma \in \varphi \eta \eta^{\mu} \alpha \tau(o c) \tau \circ \hat{v} \alpha(v ่ \tau o \hat{v})$

$\delta \iota(\dot{\alpha}) \tau(o \hat{v}) \pi \alpha \iota(\delta o ̀ c) ~ C \alpha \rho \alpha \pi(\stackrel{\prime}{ })$
$\mu i \alpha \nu \eta^{\prime \prime} \mu \tau c v,\left(\gamma^{\prime} \nu o \nu \tau \alpha\right)(\dot{\alpha} \rho \tau.) \iota \alpha \mathrm{L}$.


(2nd hd.) Capartic ó $\pi \rho \circ \gamma \epsilon \gamma \rho \alpha \mu \mu$ ย́voc.

. .
I5 ac Cк $\dot{\omega} \tau o ́ \pi \pi(\omega \nu)(\dot{\alpha} \rho \tau.) \iota 5$.

$Z \omega i \lambda \omega$ Capar( ) $\tau \dot{\alpha} с \pi \rho о к \in!\mu(\epsilon ́ v \alpha c)$


## 

'Transferred, of the wheat-crop of the 22nd year of Antoninus Caesar the lord, through the sitologi of the west toparchy, Pela district, to Sarapion son of Mnesitheus : four and a quarter artabae and six choinikes (making $4 \frac{4}{4}$ art. 6 choin.). Of which same crop of the same year, through the sitologi of Monimou, to Mnesitheus son of Diogenes, by his son Sarapion: eleven and a half artabae (making IT $\frac{1}{2}$ art.). Of which crop of the same year, another four choinikes of the same: making 16 art. in all.
(2nd hd.) Sarapion the aforesaid. Transfer to Heraclides son of . . the above-mentioned I6 art., (2nd hd.) Sarapion the aforesaid. Transfer to Heraclides son of . . the above-mentioned i6 art., in respect of an advance-loan in the Sko district. (3rd hd.) Heraclides the aforesaid. Transfer to
Zoilus son of Sarap... the above-mentioned sixteen artabae.

## PRIVATE LETTERS

## 2592. Invitation

$$
5.6 \times 4.2 \mathrm{~cm}
$$

Later first or second century
An invitation to the kline of Serapis, written along the fibres in a small fluent cursive. For the parallel texts, all of the second and third centuries, see Eitrem and Amundsen, P. Oslo iii, pp. 246 seqq.; Youtie, $H T R$ xli (x948), pp. $x_{3}$ seqq.

$$
\begin{aligned}
& \text { є́ } \rho \omega \tau \hat{̣ ̂} \text { ce Neîdoc } \delta \in \epsilon \pi \nu \hat{\eta} c a \iota
\end{aligned}
$$

'Nilus invites you to dine at a banquet of the lord Serapis, in the Serapeum, on the Ioth at the 9th hour.'

3 Perhaps $\ddot{\omega}_{\mathrm{pa}}(\mathrm{c}) . \hat{\theta}:$ the trace excludes $\zeta \stackrel{(\text { e.g. 1485) and } \eta \text { (e.g. 1486-7). }}{ }$
2593. Letter of Apollonia

$$
10.4 \times 2 \mathrm{I} . \mathrm{I} \mathrm{~cm}
$$

Second century
Apollonia has been collecting woollen yarn for Heraclides: in this letter she presents a systematic account of her expenditure-the amounts of woof and warp; the price of the warp, which was bought ready-spun; and, for the woof, the price of raw wool and the expenses of spinning. Spinning and weaving are common enough topics in private letters (for example, in SB 1974; P. Giss. 12; P. Berl. Zill. 9). But Apollonia's letter is much more detailed and technical than these others, and accordingly offers some obscurities. For the technicalities of spinning, see Blümner, Technologie i 108 seqq. ; Forbes, Studies in Ancient Technology iv 149 seqq. On spinning in the papyri, see S. Calderini, Aeg. xxvi (r946), pp. 40, 44 seqq.; Kalleres, Ai


The writing runs parallel with the fibres on the recto. The hand is square and neat, informal but not cursive : Pap. Gr. Ber. 3 I shows the same style more carefully written.

## 


ё $\pi \epsilon \mu \mu \beta$ ठє́ co兀 $\delta \iota \alpha ̀$＇Ovvó $\phi \rho \iota o c \nu \epsilon(\omega \tau \epsilon ́ \rho o v)$

5 кро́кәс $\mu \nu \alpha \hat{\imath}$ दे еै乡









 $\kappa \alpha \tau \alpha \rho \tau \iota \subset \mu о \hat{v}(\delta \rho.) \delta$ ．є́к $\delta \in ́ \delta \omega \kappa \alpha \gamma \epsilon-$ $\nu \epsilon ́ c \theta a \iota \kappa \lambda \omega c \theta \hat{\eta} \nu \alpha \iota \tau \rho \hat{c} \mu \mu \nu \hat{c} c$


 $\kappa \alpha$ єic $\alpha u ̛ \tau \alpha ̀ ~ с \pi \alpha ́ \rho \tau о \nu ~ \chi \rho \omega \mu a ́ \tau \iota \nu о \nu ~$




（2nd hd．）（＂̈ $\tau \sigma v c)[\ldots.] \Theta \dot{\omega} \theta$ ．


＇Apollonia to Philetus，greetings．I send my very best wishes to you and Heraclides，and I have dispatched to you by Onnophris the younger the materials for Heraclides＇outfit ： 7 minae of woof，
weighing ．．staters，that is IIO reels；and warp from Lycopolis weighing The cost of this：for the warp，at twenty－one drachmae per 30 staters weight，in all 63 dr ；and the
price of the wool for the woof， 36 dr .30 staters weight has already been spun for one stater，and I gave Io staters weight of wool of my own towards the cost of the preparation， 4 dr ．I sent out three minae put into them a coloured black thread－－put three minae of these into the cloak of the outfit．We send our very best wishes to you．Goodbye．The warp has been soaked here with me．（2nd hd．） Year ．．．Thoth．
（Verso）＇Deliver to Philetus for Heraclides．＇
2 ácmáGouau ：the initial greeting occurs only in letters of the 2 nd， 3 rd，and 4 th cent．（Koskenniemi， Studien z．Idee u．Phraseologie I49）．

4 cívepya：cf． 1069 8， 12 ； $1159{ }_{15}$ ；P．Mich．216， 22 ； 218 ，III．The meaning is＇materials＇（Ljungvik， Eranos $27,169, \mathrm{n} .3$ ），and in particular＇yarn for weaving＇．The narrower sense fits all the occurrences

5 seqq．In La Roman Egyt．He estimates its original weight as I7o gr．On this standard，Apollonia bought about 7.8 lb ．of woof and 2.8 lb ．of warp．

6 cópupyec are presumably hollow tubes on which the yarn was wound，the кádauot crŋpui $\omega \nu$ of P ． Tebt．ii 4 I 3 ， II － 12 （despite Kalleres I70，n．3）．I find no other reference for this use，nor for coaipov （l．8）as a＇ball of wool＇．See Kalleres 167 seqq．

10 seqq．Johnson，Economic Survey ii 320 seq．，quotes other wool prices．
 obscure context．I take the general sense to be＇there has already been spun＇，not＇there has already tion for rô̂ crarîpoc． counted for in 11．I8 and 2I．
rô̂ crarग̂poc：Youtie recognized this as a genitive of rate：cf．SB 9025，12，15．The stater is here a coin，not a weight，as the omission of ó $\lambda \kappa \hat{\eta} c$ c shows．
 307 ；Blass－Debrunner，$N T$ Gramm．$₹ 393,5)$ makes no real paralled the more explicit $\kappa \lambda \omega c \theta \hat{g} v a l$
suggests that the


19－20 The calculation，if exact，would imply a mina of $35 \frac{2}{2}$ staters．The $\bar{\lambda} c c \tau \alpha ́ r \eta \rho o c ~ \mu \nu \alpha \bar{a}$ is known from P．Cairo Zeno 5985 I （a） $2-3$ and 19；cf．Hultsch，Mett．Script．Rel．，index s．v．$\mu v a$ a（7）and（10）． （This assumes a drachma of 6 obols．A drachma of 7 or 7 年 obols is equally possible，but the correspond－ ing values of the mina－4x $\frac{1}{8}$ staters， $42 \frac{3}{3}$ staters－approximate to no known standard．）
$24 \dot{\text { ápód }} \lambda \boldsymbol{\eta} \nu$ ：a thick woollen cloak，often mentioned in literature（Mayor on Juvenal iii $1 \times 5$ ）and in

 （cf．Calderini 39 seq．）．

## 2594．Letter

$9.4 \times 2.3 \mathrm{~cm}$ ．
Second century
A letter of remonstrance，complete except for the first line．The writing，parallel with the fibres，is a large clumsy cursive very like that of Apion＇s celebrated letter from Misenum（Schubart，Pap．Gr．Ber，28）．On the verso stand two blotted lines，of which the first might be read ánódoc．

$$
\left[\begin{array}{ll} 
& \\
\pi \hat{\omega} L \\
\text { ả } \delta \epsilon \lambda(\phi \hat{\omega}) \\
\text { vaínetv, }
\end{array}\right]
$$



$\tau \epsilon \lambda \lambda \alpha ́ \mu \eta \nu \pi \epsilon \rho i \pi \alpha \iota \delta \iota-$
$c \kappa \hat{\omega} \nu$ cù ठ̇̀ סокєîc $\mu \epsilon$
$5 \quad \alpha^{\prime} \lambda \lambda \omega c \pi \epsilon \rho i ̀ ~ c o ̂ ̂ ~ ф \rho o v \epsilon i ̂ v ~$
$\kappa \alpha i$ ov̉ $\phi \iota \lambda \omega \hat{v}$ cє cvv－
ßov́गєvov，दُ $\mu \circ \hat{v} \pi \alpha-$


Iо $\dot{\epsilon} \pi i$ тov̂ сvpфধ́povтoc．
$\pi \epsilon \rho i \stackrel{\omega}{\omega}$ ßои́лєь $\gamma \rho \alpha \alpha_{-}$
$\phi \in \mu o \iota$ ．ả $\subset \pi \alpha ́ \zeta \epsilon \tau \alpha i ́ c \epsilon$
$\tau \grave{\alpha} \alpha \alpha^{\beta} \beta \alpha ́ c \kappa \alpha \nu \tau \alpha ́ \alpha$ cov $\pi \alpha,-$
$\delta i \alpha, \kappa \alpha i{ }^{\eta} \dot{a}{ }^{\alpha} \delta \in \lambda \phi \eta^{\prime}$ cou
15 каi oi фìخо九 $\pi \alpha ́ \nu \tau \in c$.
äc $\pi \alpha<\alpha \iota \Theta_{\alpha \hat{\eta} c \iota \nu . ~}^{\text {．}}$

$$
\text { є́ } \rho \rho \omega \hat{\omega} \theta \theta(\alpha \iota) \epsilon \cup ้ \chi(o \mu \alpha u) .
$$

＇．．．to ．．．his brother，greetings．When I saw you，too，I told you what to do about the maids， but you think that I have other feelings about you and was not advising you as a friend，although I have suffered from them．Well，may what you have done turn out to your advantage．Write to me about your wishes．Your children，whom the evil eye shall not touch，and your sister and all your friends send you their best wishes．Give my best wishes to Thaesis．I pray for your health．＇
207，16，note．$\pi a i \delta \delta(c k \omega \nu$（＇sons＇）seems less likely

6－7 The sense is clear，the construction obscure．It seems simplest to assume an anacoluthon and take cuvßovievov as an imperfect：for the omission of the augment，cf．Mayser，Grammatik $\mathrm{I}^{2}, 2,98$ ；
7－8 On this common form of genitive absolute，see Mayser 2，3， 68 ；Ghedini，Aeg．xv（I935），p．230．

2595．Letter of Horigenes

$$
12.2 \times 13.2 \mathrm{~cm}
$$

Third century
Horigenes invites Serenus to join him，and incidentally（6－7）gives an interesting glimpse of nome particularism．The text is written along the fibres：the main hand belongs to the second or third century，and the cursive subscription，with its large bipartite $\epsilon$ ，points definitely to the third．

## 

$\chi \alpha i \rho \epsilon \iota \nu$.


5




－Sécкка入ov каì тov̀c év ö้ке $\pi$ đóvтас．
（2nd hd．）$\dot{\epsilon}^{\rho} \rho \hat{\omega} c \theta a i ́ c \in \epsilon \cup ้ \chi o \mu a l, a ̈ \delta \epsilon \in \lambda \phi \epsilon$ ．


## $X$

 $c$ is a correction rewritten，a corr from
＇Horigenes to Serenus his brother，greeting．I want you to know that I make obeisance for you every day to the gods here．You will do well to come to us for a few days，for there are many Oxy－ rhynchites here．I blame you for not answering my letter yet．Give my best wishes to the overseer and your brother health，brother．
（Verso）＇Deli
（Verso）＇Deliver to Serenus the silversmith．＇
3〈поьิे〉：see the examples of the formula collected by Exler，A Study in Greek Epistolography 108－10．
 $\left.{ }^{\epsilon} \nu \epsilon \epsilon\right)$ ？or merely a slip？ even évovicoa in the required sense（＇come together＇），whether in ancient or in modern Greek．） Yo ס́́ćcкa入ov：see P．Mich．viii 464，Io，note．This shortening of סióéckaioc illustrates the process
which has left Modern Greek without reduplications：Jannaris，Historical Greek Grammar § 737．
2596. Letter from Sarapamímon to Andronicus

$$
15 \times 17 \mathrm{~cm}
$$

Third century
The writing, in spite of its coarse strokes and cursive forms, has few ligatures and is easily legible. It resembles P. Mich. viii ${ }_{514}$ (PI. VIII), which is attributed to the third century. In the main body of the text it runs across the fibres. The end of the letter was written downwards along the left-hand margin and on the back there is an address.

Сарата́ $\mu \mu \omega \nu \AA \nu \delta \rho о \nu \iota к о с ~ \dot{\alpha} \delta \in \lambda \phi \hat{\omega}$
$\pi о \lambda \lambda \dot{\alpha}$ रаí $\epsilon \tau \nu$.






$\dot{a ̉ \xi i} i \omega c \iota \nu$ то仑 $\pi \alpha \tau \rho o ́ c ~ \mu о v ~ \Lambda a \mu v с т о v * ~ \pi о \lambda \lambda a ́ ~$
10






vov $\gamma^{-} \alpha \lambda \lambda$.[
$\kappa є к \mu \eta к а \mu[$
. $\nu \eta \nu$ каi a $\quad \pi \rho[$
रра́úభov $\tau^{\prime} \hat{\omega}^{\prime} \pi a \tau \rho i ́$.[
$20 \quad \tau \alpha \chi \alpha$ סviv[
єं๐ $\rho \tau \eta \eta^{\prime} \tau \pi \mu \psi \circ[$

## Left margin <br> Back

]. $\alpha \iota$ A $A \delta$ роилкос [
I $A \nu \delta \rho o v i k \omega$
4 cє, $\pi$ ávzuv
6 ExO
8 тротадаі́ov
Io $\beta$ ßapク́celc
'Sarapammon to Andronicus his brother many greetings. I received your letter by Psais.
learned that you and all our friends are well. And I received from the same Psais the basket
containing 5 salt fish and 4 fine loaves and a small quantity of unguent (and) two pieces of papyrus Receive from the same Psais one vessel of wine, very old and good, at the request of my father Lamystes (?). You will often trouble me about . . . . . . that I shall hesitate. I (shall?) send you . . that I have not found the . . I wrote you once and again a second time about this ... one cameldriver with ( ) you and ...3... I have made great efforts (?) . . . write to my (?) father . . . feast Send.... ${ }^{\text {GGreet }}$
'Greet . . . and all our friends many times. . . .'

$6 \mu v \rho \dot{\phi} \phi\llcorner\nu$ once only in Arr. Epictet. 4, 9, 7 .
 4, 752, where it is corrected to $\beta \eta$ ciov, which occurs in Hesychius and also in the papyri, P. Lond cxxi, col. 2 7 b l. 4 (see Pl. 64), P. Holm. 16, 3. Cf. $\beta \omega c$ ciotau (also of bronze) SB 1160, 4, 7
$9 \mu \epsilon \tau \dot{\alpha} \dot{a} \xi i \omega c t \nu$ : I have not found this collocation elsewhere; instead of request, which is the commonest meaning in the papyri, 'according to the opinion of might be possible.
पauvcrov not in Preisigke NB; perhaps cognate with $\Lambda \alpha \mu \hat{\omega} c, ~ \Lambda \epsilon \mu \hat{\omega}$, ,
aauoûce

II - $\zeta \iota c$ : presumably a verb ending - $\zeta \epsilon \iota$, since the four nouns ending in - $\zeta \iota$ are all unikely.

I8 ${ }^{\text {wivph }}$ is possible.
20 There is a space between $\tau a x a$ and $\delta \nu \nu \eta$ and likewise between eopr $\eta v$ and $\pi \epsilon \mu \psi 0[\nu$ ? in $2 I$, $\tau$ áxa סuví[cet 'Perhaps you will be able (e.g. to come for the feast)' looks likely, but if the spaces indiand be appropriate in 2I, ( (-) T€ ${ }^{\prime}$ Taxa may be meant. Avoidance of a flaw in the papyrus (cf. 22 n.) is another possible cause of the gap. void a flaw in the papyrus.
${ }_{23}$ The remains of the address are written on the back upside down in relation to the text and about an inch from the bottom. There is not room for much to the left of $\AA \downarrow \delta \delta \rho \dot{0}$ inкoc, which one would

2597. Letter from Cephalion to Heraclas
$11.5 \times 15^{\prime} 3 \mathrm{~cm}$.
Third/fourth century
Cephalion writes to Heraclas from Alexandria, where he has been looking after his correspondent's interests in some legal business. He reports upon the progress of his affairs and the manœuvres of his friend's opponent, and requests more funds. The writing is clear and practised, though inelegant. We are indebted to Professor Youtie and others for readings and suggestions.

## 

 $[\mu i] \omega \tau \alpha ́ \tau \omega \iota \quad \chi \alpha i \rho \epsilon \iota \nu$. $[\gamma \in \nu o ́] \mu \epsilon \nu \rho c \dot{\epsilon} \nu[A] \lambda \epsilon \xi \alpha \nu \delta \rho \epsilon i a q \dot{\alpha} \nu \alpha-$




 $\rho \in[v \theta] \hat{̣}$ ̂c］，






 $\left[\pi \alpha \rho^{\prime} a \dot{v} \tau \circ \hat{v}\right] \alpha^{\prime} \lambda \lambda \alpha c(\delta \rho \cdot) \mu \lambda \alpha \beta \in \hat{\nu} \mu \epsilon, \not ้ \nu \alpha$


Verso：

$$
' H \rho \alpha \kappa] \lambda \hat{\alpha} \pi \rho \epsilon \epsilon[\beta] u \tau(\dot{\epsilon} \rho \omega)><\dot{\alpha} \pi \dot{\partial} \text { Kєфa入}\langle\omega v o c .
$$

To seq．1．ècrau
${ }^{\text {I9 }}$ First letter perhaps $\mu$ 20 After first $\epsilon: \lambda$ possible．Before first $v: v$
＇Cephalion to the most respected Heraclas，greeting．Having come to Alexandria，I have pre－ sented applications to our lord the Prefect；and no decision has been endorsed on mine yet．You opponent is tireless in making petitions，and so am I in making counter－petitions；so that I have heeded（your instruction）：＂Stay close to the Prefect＇s office，and whenever you are cited，enter an objection．＂But this affair will not soon be liquidated，in my opinion，for our lord the Prefect is leaving on the first of Hathyr for Hermopolis to settle his decisions；and he has issued a pronouncement
about this．So if you will，send me 40 drachmae，and a letter to your son so that I get another 40 drachmae，in order that you（won＇t have to ．．．）the whole get another 4
（Address）＇To Heraclas the elder，from Cephalion．＇

7 seq．$\dot{v} \pi \frac{\tau v v x[a \nu \nu \omega]}{}$ ：cf．P．Ryl．77，39；here probably of a rejoinder or objection rather than an interruption．
for which see We most obvious occasion for the Prefect＇s journey would seem to be the Conventus the term $\delta$ dárvooc in such a connexion，cf．（e．g．）P．Ryl．II3，I8（A．D．I33）．But both the time（Hathyr，

November）and the place mentioned here are somewhat at variance with previous conclusions about the Conventus．（See Wilcken，art．cit．，p．416；Reinmuth，op．cit．，p．xoI．）

15 тро́［cra］ұ $\mu a$ ：or possibly тро́［रра］$\mu \mu a$ ．
 of the principal clause is well known in late letters．
20 This line perhaps contained final greetings．The position of the address on the verso suggests that the letter was only a line or so longer．

Verso：$\pi \rho \in \tau[\beta] u \tau(\hat{\epsilon} \rho \omega)$ ：we cannot be sure which meaning the word had here．

## 2598．Letters from a Charioteer

（a） $6.7 \times 13 \mathrm{~cm}$ ．；（b） $14.5 \times 6.4 \mathrm{~cm}$
Third／fourth century
Two letters from a charioteer（ $\dot{\eta} v i o x o c$ ）to his trainer（ $\dot{\alpha} \lambda \in \dot{i} \pi \tau \eta c$ ）which have sub－ stantially the same text and were found folded one inside the other．The reason for this is uncertain，but it might be conjectured that their writer，having received no reply to his first message，sent another，and that the addressee，having received both， kept them together．The mention of＇the lord Souchos＇in（a）［3］，（b） 3 suggests that they were sent from the Fayûm．Of the objects requested by the charioteer，one at least－the felt cap（ $\pi i \lambda i o v$ ）－seems identifiable in the illustrated papyrus from An－ tinoopolis published by S．J．Gasiorowski in JEA xvii（r93x），pp．x seqq．（cf．pl．x）． The writing is sloping and inelegant，but clear．We are indebted to Professor Youtie， Signorina Vandoni，and Mr．D．Thomas for some readings and suggestions．（Read with Mr．A．Schachter．）
［ $\Xi \in ́ v o]$ c $\tau \hat{\omega} \operatorname{\kappa vp}\left[i \notin{ }^{\prime} A \mu \mu \ldots\right.$. ］
［．．．．．］$] \tau \pi \pi \rho \lambda \lambda \grave{\alpha} \chi\left[\alpha i \rho \epsilon เ \nu . \tau o ̀ ~ \pi \rho о с \kappa v^{\prime}-\right]$
$[\nu \eta \mu \alpha ́ c] o v \pi \circ \omega \hat{\omega} \pi \alpha \rho\left[\grave{\alpha} \tau \hat{\varphi} \kappa v \rho \rho^{\prime} \omega\right.$ Cov́x $\varphi$ ］

5 píav．［ $\pi$ ］âv $\pi о$ oíncoy［
$\llbracket \epsilon \gamma] \delta o \hat{v} \nu \epsilon \mu \circ \iota \mu \alpha \mu[v \lambda \mu \dot{\omega} \nu \omega \nu$ 乌̧र̂रoc］
$\kappa \epsilon \in \zeta \epsilon \hat{\epsilon}[\gamma \circ<\phi] a c \chi \iota[\delta i \omega \nu \nu \pi \iota \lambda \omega \tau \hat{\omega} \nu]$
$\kappa$ кฺ̣ $\pi \eta \lambda\left\langle\iota \nu\right.$ ，кє̀ $\tau o v i \tau \omega \nu$［ $\left.\tau \eta ̀ \nu \tau \iota \mu \eta{ }^{\prime} \nu\right]$


ả $\lambda \lambda \alpha ̀$ ėv та́⿱㇒木几 кúpı［ ］

Verso：traces only of the address．

[^1](b) Éévoc ìvíuxoc ${ }^{\text {A }} \mu \mu$ [..].[..].[ ]






[ $\tau \alpha \subset \tau \eta \eta^{\prime} c \omega$.
Verso:
]. ํนúx ov ${ }^{\text {A }} \mu \mu$. [


## 

(b) 'Xenos, charioteer, to Amm ..., grecting. I make obeisance for you in the presence of the lord Souchos, praying always for your prosperity. Make every effort to send me a pair of breastplates (?), and a felt cap, and a pair of felt straps (?); and write back and tell me the cost of these through (some?') trustworthy person, so that I may thus reimburse him with the cash ...' (Address)
'(From Xenos). .., charioteer, to Amm ..., trainer. I have written twice.'
(a) [I]; cf. (b) I; Verso 2: $A \mu \mu \ldots$... there will not have been room in either text for $\AA \mu \mu \omega v i \varphi$ $\tau \hat{\varphi}(\tau \mu \omega \omega \tau \alpha) \tau \omega$.
$\tau \Phi(\pi \mu \omega \tau)$ will have had a longer alternative for the $\pi \pi^{\prime} \mu \psi a u$ of $(b) 4$; for its possible sense, see the
translation.
6 The writer ber an
6 The writer began a verb beginning with $\xi^{\gamma}-(=\xi \kappa-$ - and cancelled it in favour of foôvau.
Mauvicupup: this sems more likely than -qpi(qp, which would make the writing somewhat
crowded. In either case the word is otherwise unexampled. Signorina Vandoni suggests that it may be equivalent to the Latin mamillare (see Forcellini, Lexicon iv, p. 33 , s.v.; cc. pectorale, ib. p. 545 ). The termination of the word here, however read, is puzzling, but a connexion with mamilla seems probable; 'breast-plate' or 'breast-protector'? We may perhaps compare the attirie of the charioteers in Gasiorowski's illustrated papyrus. Note that the following items (the order is different in (b)) are
both articles of apparel. both articles of apparel.

9 There would be room for $\tau v o($ at the end of the ine.
to $(a)$ alone has oiv coo $\delta o[\kappa \epsilon \in ;$; $(b)$ alone the promise of reimbursement. At the end of the line, perhaps $\pi$ tempar $\mu$ ol.
II Supply $\pi \dot{\epsilon} \mu \mathrm{Hov}$ ?

## 2599. Letters from Tauris

## $6 \times 26 \mathrm{~cm}$.

Third/fourth century
There are two letters written on this papyrus, one on each side and both across the fibres. They were sent by a woman to two men whom she calls 'father' and 'brother'. The papyrus shows three folds, which have caused most of the damage to the second Ietter. Since there is no address, it was perhaps enclosed in a parcel. 120 is a close parallel to the form and from l. iz there it is clear that those two addressees lived in the same place.

A Jewish or Christian circle is implied by a greeting to a woman called Susanna and to another probably called Esther. A rule of thumb (from CPJ i, pp. xvii seqq.) is that persons with Biblical names in documents dated before the death of Constantine are more likely to have been Jews and in later documents more likely to have been Christians. It is also stated there that among early Christians New Testament names were in use before those from the Old Testament. I believe the writing is earlier than A.D. 337, though it may be as late as the early fourth century. It may be significant that manuale ( $\mu a \nu \circ o a \lambda \lambda \epsilon \nu$ ) can mean a Jewish priestly vestment, but it also has three less exotic meanings (v. n., 1. 33). The evidence, therefore, seems to suggest that they were Jewesses, but it is not unambiguous.

The writer often disregards Greek spelling and grammar, particularly the caseendings.
$\tau \hat{Q} \kappa \cup \rho i ́ \omega \mu$ ноv $\pi a \tau \rho i$

## 

$$
\chi \alpha i \rho \epsilon \epsilon \nu
$$

$\pi \epsilon ́ \mu \mu \stackrel{o}{\nu} \dot{\eta} \mu \hat{\imath} \nu$
5 ठи́o ктєขє兀v $\gamma \in \rho \delta \epsilon \nu \in \iota \nu$



каӨぁє єьрךкєє $\mu$ о
єic тò $\chi \omega \rho i ́ o \nu \pi$ тé $\mu \pi \omega$ cou $\tau \alpha ̀$ тoぃẫ $\alpha, \pi \epsilon ́ \mu \psi o \nu$. то̀ $\pi о \rho \phi v \rho \epsilon \iota \nu \tau о$ єै $\lambda \epsilon \gamma \in c$ öTı ảyoparvo ảyópacov． $\epsilon i \pi \epsilon ่$ oûv $\tau \eta \nu \alpha \delta \epsilon \lambda \phi \eta \nu$
 $\lambda_{\epsilon \in \iota} \Delta \iota \delta v \mu \eta \subset$ öт七 ка $\theta$＇̈＇$^{\prime}$ єєрクкєє $\delta!\kappa \alpha \rho v \tau \iota \delta \alpha$ $\epsilon i$ roıєic，av̉rà $\pi o i ́ \eta c o \nu$, $\epsilon i ̉$ ov̉ тоєєîc，тò торфvр！$\nu$
 $\mu o v \cdot a \pi a \delta o \mu a \iota$ Eıc咲 каi $\uparrow \eta ̀ v ~ a ̉ \delta \in \lambda \phi \eta \eta^{\prime}$ cov Covcáv－ $\nu a \cdot \kappa а \theta \dot{\omega} с є \iota \rho \eta \kappa \epsilon \subset$ ov̂v， $K v ́ \rho \alpha$, öть $\pi \epsilon ́ \mu \pi \omega ~ c v ~ c a \beta \alpha-$

51．$k \tau \epsilon \nu^{\prime} a$ and in 1.7



27 1．cє катєєа，$\pi \epsilon ́ \mu \psi о \nu, \kappa \alpha i \not \pi \epsilon ́ \mu(\pi \omega)$ $c v \tau \dot{\alpha} \tau \omega \nu \varepsilon \epsilon \gamma \pi \theta \epsilon \iota \omega \nu \cdot a c-$ $\pi a \delta о \mu a \iota ~ с v, K \nu ́ \rho a, \kappa а і ~ \tau \eta े \nu$ $\alpha^{2} \delta \in \lambda \phi \eta^{\prime \prime} \nu^{\prime}$ cov каi $\tau \eta \eta^{\prime} \nu \dot{\alpha} \delta \epsilon \lambda \phi \eta^{\nu} \nu$ тท̣̂ $\mu \eta \tau$ о́c coụ．

[^2] $\mu \circ v \alpha{ }^{\prime \prime} \delta \in \lambda \phi \epsilon, \tau \rho i \alpha$ саßакатєьа


 ктєขєьข $\mu \in \gamma$ á $\lambda \cdot$ ка $\alpha \dot{\omega} с$
єєрךкєс ${ }^{\circ} \tau \iota$ $\qquad$
 $\mu a v o a \lambda \lambda_{\epsilon \tau \nu}$ тò
 a．$\epsilon!\varphi, \ldots$ то


 $\epsilon \iota \nu \alpha, \epsilon \iota \delta о \mu \epsilon \nu \subset v^{*}$

＂To my lord father Apitheon，I，Taüris，send greetings．Send us two weaver＇s combs and two ounces of storax and also two large hair combs．Just as you said to me，＂I shall send things like that to the farm for you＂，send them．Buy the purple of which you used to say，I shall buy it．So then， tell the sister of Dioscorus wife to say to Didyme，＂s，as you said，you are working on．．．，go on
working on them，if you are not，work on my father＇s purple and tow．＂I salute Esther（？），and your sister Susanna．So then，Cyra，as you said，＂I shall send you some towels＂，send them，and I shall send you some Egyptian ones．I salute you，Cyra，along with your sister and your mother＇s sister．＇
＇To my lord brother Theodore，I，Taüris send very many greetings．Buy me，my lord brother， three towels and the $\ldots$ pair of boots which you mentioned and three pairs of slippers for the baths． Take the half－pound of fine tow（？）which I gave you to use（and）〔either】 make it into a face－cloth or oath when you come away．As to the little book（？）in the bag，do not give it to anyone．Bring it when you come．As to the half－pound of fine tow（？）．．．．Tell the son of Heracleianus ．．．the two talents， if you think proper，．．．buy purple．I salute you，Heracl ．．．and your husband．I salute Theod．．． Come quickly that we may see you．

2 Amet $\epsilon^{\prime} \epsilon u r$ ：not in Preisigke，Namenbuch．$\pi$ is not damaged and is suitable palaeographically but the strokes of which it is composed might be interpreted e．g．$\gamma \%, \gamma v, \psi \%$ ，if this would produce a known name．The form in the text is intelligible as being formed from $A \pi \pi \iota c$ and $-\theta^{\prime} \omega \nu$ in the same way as Apollotheon and Dionysotheon．
5 ктevelv $=\kappa \tau \epsilon v i o v$, which the writer was unable to decline．A weaver＇s comb is part of the loom which separates the threads of the warp so that the shuttle can pass through；cf．Kalleris，ai $\pi \rho \hat{\omega} \tau a$. vidau p．I55，n．I，S．Calderini in Aegyptus xxvi，p． 32 ．
$y \epsilon \rho \delta \epsilon \nu \epsilon \nu=\gamma \epsilon \rho \delta t a k \alpha$ ：the form is probably influenced by the preceding word and possibly by the memory of＇$\gamma \in \rho \delta i a v v a$＇．

бтиракєєข＝бтvрактор：cf． 11425.
Io хผpfov：meaning vague；＇farm＇，＇village＇？

12 тo：article for relative，as often；cf．Wilcken，Archiv iii 322．P．Mich．518，ro n．，P．Abinn． ， 9 n． $\pi$ aop
probable．
 perhaps on the analogy of $\epsilon \phi \theta a c a$ and $\phi \theta$ áves．
 simplest solution and is implied by the word order，even though the cases are wild．
do with weaving．The equivalent suggested there was kapúठca＇pulleys＇，but here a word fhich have to yarn is needed．$\delta \iota$ might indicate double thickness or quality；cf．$\delta$ ıv申av bóc， $\boldsymbol{\tau o v v \phi}$ a word for etc．It seems


Perhaps the comma belongs after auvó́．＂As for＂dikarutida＂，if you are working on them．．．．
I9 Sc．a second noinoov．Since purple and tow are raw materials，the construction will be parallel
 materials are to be made are left out，as being already well known to all the parties，and $\pi o \iota \epsilon \hat{\nu}$ is thus equivalent to＇work on＇．

2I Euctvp：probably，in view of＇Susanna＇in the next line，to be taken as equivalent to＇Ec日inp． 24 Kv́pa：an alternative here and in 27 is $\kappa \dot{v} \rho a=\kappa v \rho l a$（cf．Palmer，Grammar of the Post－Ptolemaic Papyri，p．65）．If kípa were the first reference to the＇lady＇，the relationships would not be affected， but if it meant Eictup（1．21），as might be possible，then cov in 22 might refer to Esther and not to Apeitheon and 26 seqq．would repeat the sentiment of $2 I$ seqq．with the addition of greetings to Esther＇s maternal aunt．cócrá\}opau is used both as an introduction and a farewell (Exler, Epistolo graphy，pp．III，Irs）．
etter to address another person are noted in P ．Mich．viii 48I，32－34；495， 2 I 4， $25-37$ ．
line as above and below．
3 I калєєкєı from＇caliga＇，v．S．Daris，Aegyptus xl，p．2II，Meinersmann，Die lat．Wörter，s．v．
 Mich．viii $477,27 \mathrm{n}$ ．， 508,5 seqq．
 therefore，I take the insertion to be an adjective agreeing with кade $\epsilon \kappa \epsilon \nu$ ，without denying that it
might be something else，e．g．кqi！．．．．．The letters are small and written along a fold．
 $3^{2} \ldots \ldots$ ；the tops of these letters are in a fold and there also seems to be an addition or correction of one or two letters．A good guess could be verified．
mavoad入єl＝＇manuale＇，which according to Thes．Ling．Lat．means（I）book，（z）portable lec－ tern，（3）Jewish priestly vestment，（4）hand－towel．The third is interesting in view of the Old Testa－ ment names but a choice among these four does not seem to be possible．A rall in a wrapper could be Scrolls，pp． 54 seq


avтov 1．aủró？，or retain av̌róv and refer it to бáккос？
єिХо $\mu$ evoc：$\chi \circ$ corrected from something now unrecognizable．
$\tau \eta \nu$ this may indicate that the phrase is meant to be in the accusative．The confusion of genders P．Mich．viii 473，Io n．
$\alpha, \epsilon \varphi \sum_{\ldots, \tau o}$ ：between $a$ and $\epsilon$ either $\iota$ or $p$ ；after $y, a \iota$ would suit the traces of the tops of letters；the left part of the crossbar of $\tau$ begins very low，perhaps coming from a cor perhaps there is no letter between al and $\tau 0$ ．My only idea is auequatro $=\bar{\epsilon}\langle\gamma\rangle$ iveтo，which is theoretically possible，but in the obscure circumstances unlikely to be right．

35 ка $\beta \ell \epsilon \downarrow \nu$ ：this word is probably related to к$\dot{\alpha} \beta$ oc，which is a measure of varying size and for both solids and liquids，i．e．it is the 4th part of a modius（Epiphanius；Greek text in Lagarde，Symmicta i， p．2I4，19 seqq．）or，according to the Syrian text（J．Dean，Epiphanius＇treatise on weights and measures，
Orient．Inst．Univ．Chicago．Studies in Oriental Civilisation，p．68），the 5 th or 6 th part．Adjectival forms－каßuéa according to Lagarde p． 219 and P．Nessana 24，5，8，12，but perhaps каß८єíovaccording to the Syriac transliteration，Dean p．xii－denote the area of land that can be sown by a cab of seed． According to Africanus $\pi \epsilon \rho i \operatorname{c\tau \alpha } \theta \mu \omega \hat{\nu}$（Lagarde op．cit．169）ки́ $\beta o c$ is the equivalent of a $\chi \circ \hat{\vartheta} c$ in liquid measure．Epiphanius says that the word is from a Hebrew root（Lagarde 2I4，Dean 40）but Dean says that the supposed Hebrew word does not exist．However，a Palestinian or Syrian connexion is likely， cf． 4 Kings 6，25，P．Ryl． 629 9I，186， 247 ； 6304.
$\kappa \alpha \beta \epsilon \iota \delta \epsilon \nu$ ，appearing three times in a very doubtful context in P．Strassb．35，7，10，18，may also possessed of the above information Professor Youtie suggested that what was wanted here was the place or receptacle where the tow was to be found．On this basis I guess that the $\kappa$ к $\beta \iota \epsilon \nu=\kappa \alpha \beta \iota \epsilon \hat{\sigma} \nu$ was a container used also as a measure．${ }^{1}$
 said＇，but in a text where the cases are so wildly used（ $\eta .11 .14,16,33$ ）the word order should be of more
 easily read as the cap of a $c$ ．
races are too scanty to
36 Hpaкג $\ldots, \nu$ ：Presumably an accusative instead of the expected vocative，cf．P．Mich．vii1 $514,36 \mathrm{n}$ ．None of the women＇s names with the same beginning in Preisigke，Namenbuch will fit the space，but it is likely to be a known name written anomalously．
lov appears quite clearly；$\rho$ would probably show beneath the hole if it were there but there are several possibinities besices ineodorus．

є $\rho \times \eta$ v．Horn，Uses of the Subjunctive and Optative Moods in Non－literary Papyri，pp． 120 seqq．

2600．Letter from Coprias to Sarapion
$13 \times 22.5 \mathrm{~cm}$ ．
Third／fourth century
This letter is written on the verso of a piece of papyrus cut from a list of buildings and building materials 2581．The list is upside down in relation to the letter and there is an address written downwards between its two columns．The letter then had to be folded inwards from both sides to expose the address．There is slight damage along the first three folds from the left．More serious damage at the foot has removed the beginning of the address on the back（recto）but，because of a deep lower margin，has affected only the subscription of the letter．

The writing is large and clear，with rounded cursive forms of $\pi$ and $\nu$ and with some ligatures，but without any blurring of the individual letters．It appears to belong to the late third or to the early fourth century and the same date is implied by the form of the address，which began to be used in the late third century（Ziemann， De epistularum Graecarum formulis，pp． 280 seq ．）．The mention of silver＇of the new coinage＇，which is referred to in documents ranging between A．D． 266 and 303 （1．I2 n．）， indicates that the latest possible date is not much after A．D． 300 ．
${ }^{1}$ I now notice that there is some confirmation of this in Hesychius s．v．кáßoc．The entry runs


The letter has been corrected by a second hand, perhaps that of Coprias himself, which removed many of the errors, especially those of itacism. The corrector took no interest in the prescript and missed one or two itacisms (ll. 6, 10, 15 ) but all his corrections are good.

The mention of a temple of Apis on the recto (2581 ii 17 ) may indicate that the letter was sent to Oxyrhynchus from Memphis.


ク́коvcá col үє́धovev èv toic oivouc.


Anо入ıvápıov таракататíө $\mu$ аí соv




каíac $\mu$ оv хрєíac ảprvpiov каıvov̂
$\tau \dot{\alpha} \lambda \alpha \nu \tau[\alpha] \tau \epsilon ́ c[c] a \rho \alpha \cdot \alpha \vec{\alpha} \lambda \lambda \dot{\alpha} \mu \eta \grave{\eta}^{\prime} \nu-$


$\{c\}$ Øךтос

## 

recto ].[.]... (blank) Kompíac apx( )



'To my lord Sarapion I, Coprias, send good wishes. As you instructed me, the measures that were your concern in the matter of the wines have been taken. So you must have no fears in this respect.
I am entrusting to your goodness my brother Apolinarius, with whom you are yourself not unacquainted. So you will give of yourself in whatever he may ask of you. You will do me a favour by paying over to him for my immediate needs four talents in silver of the new coinage. And do not make difficulties for your own Coprias. You know yourself that I am not a fool ( $(P)$.
'I pray for your health.'
I On the name Korpiac cf. 2601 in.
2 1. $\pi \rho \dot{\alpha}$ сcelv or $\pi \rho \alpha \dot{\alpha} \tau \epsilon \iota \nu . \mathrm{Cf}, 25612 \mathrm{n}$. The misspelling may arise from a vulgar pronunciation (cf.

145121 n .; Chron. $d^{\prime}$ Egypte xxiii ( ${ }^{2} 937$ ), p. 97 1. Io) or it may be due to conflation of the two spellings of the word, which both occur in the papyri (Mayser i 223 ).
$5 \alpha \mu \epsilon \rho \iota L j \mu \nu \nu^{\prime} \epsilon \nu$ : the space in the break may have been avoided because of a roughness in the scribe may have written a double $\mu$; and there is an example of as Professor Youtie suggests, the no. v, l. 9 .
 $\delta$ ф $\kappa$ de $\hat{i}$. The sentence owes its present, and proper, shape and punctuation to Professor Youtie. ro è added in the margin, perhaps by the first hand.
12 кauvô̂ sc. vopicuaqoc. According to Johnson and West, Currency, p. 69, the extant uses of this phrase runar and to be a rather offensive close to a letter which is otherwise polite and friendly, $\boldsymbol{v}$. $\operatorname{cov} \tau \hat{n} \chi \rho \eta c \tau o \tau \eta \eta$ ( 7 seq.) and tòv còv Komplav (I4). '(Not) insensible of benefits' i.e. '(not) ungrateful' seems better but this sense is not to be found in the lexica.
recto ].[.]... : these letters, all broken, do not seem to belong to the expected Caparicun, but to another word, a patronymic or description or an address.

Koт $\rho$ iac clearly nominative and therefore preceded by the addressee's name in the dative. This form of address supports other evidence for the date, cf. introd. apx( ), cf. BGU 3515 ; P. Thead. 32,
 in the other cases too. It cannot mean praeses, and magistrate seems too vague. LSJ has some other meanings but I cannot see that any of them is specially appropriate here. A $A \rho \chi \omega \boldsymbol{y}$ is known as a name, v. Recherches de Papyrologie ii ( I 962 ), pp. 43 (B ii II), 62, but that seems hardly likely here

## 2601. Letter from Copres

Plates IV and V

$$
7 \times 26.6 \mathrm{~cm}
$$

Early fourth century
This letter was written on damaged papyrus, and by a single hand throughout (perhaps, then, by Copres himself). The writing is a competent sloping semicursive, assignable to the late third or to the fourth century.

The content is unusually interesting. Copres writes to his 'sister' Sarapias in Oxyrhynchus, from a town where he is engaged on legal business. He had found on his arrival that litigants were being made to offer sacrifice; and he had appointed his 'brother' to appear in court in his place. They had instructed an advocate; the case (concerned with land) was to come on on the fourteenth. Copres then inquires after the health of his family.

Copres was a Christian: he uses a nomen sacrum (5), and closes his letter with a cryptographic Amen (34). The sacrifice in court was clearly an unexpected requirement, and one which he took steps to evade. It would be a natural guess that this requirement was in fact directed against the Christians.

And such a measure is attested for the Great Persecution. In describing the First Edict ( 23 Feb. 303) Lactantius says: 'cavebatur ut . . . ipsi non de iniuria, non de adulterio, non de rebus ablatis agere possent, libertatem denique ac vocem non haberent. . . et ne cui temere ius diceretur, arae in secretariis ac pro tribunali positae,
ut litigatores prius sacrificarent atque ita causas suas dicerent, sic ergo ad iudices tamquam ad deos adiretur' (de Morte Persecutorum $\mathrm{I}_{3} . ~ \mathrm{I}, ~ \mathrm{I} 5.5$ ).

This fits the situation of our letter admirably. It may be, of course, that similar steps were taken in earlier persecutions, about which we have little information. But as the evidence stands, Copres will have been writing during the Great Persecutionand, since the requirement seems to come as a surprise to him, probably near the beginning of it. A date in the early fourth century suits the hand very well.

This is the first document from Egypt which certainly refers to the persecutions. ${ }^{1}$ It is all the more a pity that we know nothing of the writer except what emerges from his letter. Copres writes colourless, paratactic Greek, with normal vulgarisms of spelling and syntax; he shows his Christianity by using the abnormal $\rho \theta$, but mishandles a nomen sacrum. That is, he was a man of average education; a zealous but not very intelligent Christian. The other names he mentions may be those of his family-Sarapias is probably his wife, Maximina and Asena may be his children. Maximina and Asena are both rare names; possibly Asena points to a Jewish connexion.

Copres's background, therefore, is matter for conjecture. But his story remains of the greatest interest. He easily evaded the sacrificial test; he evaded it with the help of a (pagan) friend; he speaks of it calmly, as of a minor nuisance, and sends for his family. There can have been no reign of terror at this time: Lactantius antedates the climax of the persecution; Eusebius, though he lacks the detail of the sacrificial test, offers a more reliable general picture.

I am indebted to Mr. Geoffrey de Ste Croix for his help with this text.
${ }^{\text {x }}$ P. Goth. 11 might perhaps refer to the persecutions; W. Chr. I27 remains obscure. The Paniscus letters are of course too early (P. Cairo Isid. p. 19). See Bell, HTR xxxvii (I944), pp. 206

## 2601. LETTER FROM COPRES

## 

$\phi \hat{\eta} \pi \lambda \epsilon \hat{\imath} \tau \tau \alpha \chi \alpha \dot{\rho} \rho \epsilon \iota \nu$.
$\pi \rho o ̀ ~ \mu \grave{̀} \nu \pi \alpha ́ \nu \tau \omega \nu$
$\epsilon \tilde{\chi} \chi \circ \mu \epsilon \dot{v} \mu \hat{\alpha c}$ ó $\lambda$ ок $\lambda \eta$ -
5 คîv $\pi \alpha \rho \alpha \dot{\alpha} \tau \hat{\varphi} \kappa v \rho i(\omega) \theta[(\epsilon) \hat{\varphi}$.
$\gamma \iota \nu \omega ́ c \kappa \iota \nu$ сє $\theta \in ́ \lambda \lambda \omega$
öт $\tau \hat{\eta} \underline{\underline{x}}$

öть oi $\pi \rho о с є \rho \chi$ о́ $\mu \in \nu$ о

$\epsilon \iota \nu$ каі $\alpha$ ふ̇тосистат!-

$\delta \in \lambda \phi \hat{\varphi} \mu$ оv каi $\mu \epsilon ́-$
$\chi \rho \iota ~ \tau o u ́ \tau o v ~ o v ̉ \delta ̇ ̀ ̀ v$

 $\tau \hat{\eta} \bar{\iota}$. ${ }^{\prime \prime} \mathrm{va} \tau \hat{\eta} \stackrel{\delta}{\delta} \epsilon i-$
сах $\hat{\eta}$ то̀ $\pi \rho \hat{\alpha} \gamma \mu a$
$\pi \epsilon \rho i \tau \hat{\omega} \nu \dot{\alpha} \rho o v \rho \hat{\omega}(\nu)$.
$20 \quad \epsilon \ddot{l} \tau \iota \delta \dot{\epsilon} \epsilon \dot{\alpha} \nu \pi \rho \alpha ́ \xi \omega-$ $\mu \in \nu$ र $\rho \dot{\alpha} \phi \omega$ cot $\cdot$ ov̉-


$\Theta \epsilon o ́ \delta \omega \rho o \nu$ є́ $\xi \in \rho \chi o ́ \mu \epsilon-$
25


$\chi \epsilon \in \omega c \cdot \gamma \rho a ́ \phi \epsilon \delta \in ̀ ~ \eta \dot{\eta} \mu \hat{\nu}$
$\pi \in \rho i ~ \tau \eta$ с ó $\lambda о к \lambda \eta \rho i ́ a c$
ن̂ $\mu \hat{\omega} \nu \pi \alpha ́ \nu \tau \omega \nu \kappa \alpha i$




$34 \alpha \dot{\alpha} \pi(o ́ \delta o c) \tau \hat{\eta} \hat{\alpha} \delta \in \lambda \phi \hat{\eta} \pi(\alpha \rho \dot{\alpha}) K o \pi \rho \hat{\eta} \tau(o c) q \theta$


'Copres to his sister Sarapias, very many greetings. Before all else, I pray for the good health of you all before the lord god. I want you to know that we arrived on the IIth. It became known to us in favour of my brother. So far we have accomplished nothing. We instructed an advocate on the I2th (?), so that the case about the land could be brought in on the 14th. If we accomplish anything, I'll write to you. I've sent you nothing, since I found Theodorus himself setting out. I'll send them to you by another hand soon. Write to us about the health of you all and how Maximina has been and Asena. If it's possible let him (her?) come with your mother so that his (her?) leukoma can be cured-I myself have seen others cured. I pray for your health. My best wishes to all our friends by name.
'(Address) Deliver to my sister, from Copres. $99 .$. '
I Komp $\hat{c}$ : the name is a common one in Egypt, and has many congeners-Perdrizet suggested that they belonged originally to foundings, of amo komplac ( $R E A$ (x92I), pp. 85 seqq.). It is therefore unsafe to take Copres here as a Christian 'humility name' (an interpretation suggested by Professo Equally unsafe to think of this Copres as a foundlinge see Arcos ne in (1062) 45 sequ The nominative comes first, contrary to later (Christian) practice: cf. Cavassini, 1954), pp. 273 seq.
dienp $\mathfrak{n}$. wife', most probably. In any case, Sarapias was not his full sister (3I 'your mother'). . ${ }^{5}$ кvpi $(\omega) \theta[(\epsilon) \hat{\varphi}$ : the papyrus has $K Y P I \Theta$; the suprascript stroke extends from above iota to the right edge of the sheet; after theta there is space for two letters.
A nomen sacrum was intended: the stroke proves this. But the writer seems not to have thought of it until he had written $\kappa v \rho$ in full-he then hastened to abbreviate by omitting the omega. P.
Merton ii 93,35 , note, lists some similar irregularities, due presumably to inexperienced or unintelligent Christians. 'One must bear in mind that in private letters the use of a nomen sacrum is surely always imitative, and the reason for writing it very likely unknown to the writer-unless he is himself a reader of good written texts ( $N T$, etc.), or a professional scribe of such' (E. G. Turner)

At the end, either $\theta[\omega]$ or $\theta[\epsilon \omega]$ gives a suitable line-length. I have restored the normal form, but the contraction stroke is sometimes combined with a complete word in the 4th cent. (P. Abinn. 4, 2, note ; P. Jews, pp. 80 seq.).
 before a tribunal'. (Often in reports of court proceedings, BGU $587,2 \pi \rho o c \in \lambda A \dot{\omega} \nu \quad \epsilon i \pi \epsilon \nu$, P. Amh. 66, 43 ,

II-12 drocuczatıкóv: for surviving documents of this kind, see 1642 introduction, and Tauben-

 $8 \epsilon \delta i \delta a \xi \dot{\xi} \alpha \mu \nu$ seems to be used in the same sense.
17 $\Gamma_{\text {. }}$ all that remains of the second numeral is the upper half of an initial vertical, and perhaps he left end of a middle horizontal. The horizontal trace would favour $\overline{\bar{\beta}}$ against $\bar{c}$
19 Between I9 and 20 there is a space of about three lines, where the horizontal fibres have been cripped right off; in the marginal line $3 x$ the gap falls after $\epsilon^{\prime} p x \in \epsilon \in \theta$. In neither place is the sense
the papyrus was already damaged when the letter was written.
30 Mas $\dot{\prime} \hat{\mu} v a$ a I have not found this name elsewhere in the papyri. Ma $\xi_{\mu} \mu \hat{i} v o c$ does occur, not uncommonly in the Byzantine period and occasionally before (BGU 156,$2 ; 1634 \times 3$ ).

3I Accvá: as a masculine name LXX II Esdras 2, 50 (cf. $A c(c)$ ava I Escras 5, 5 , 3 , etc.). The papyri
 1419, 99, etc.; BGU 972, 16, P. Ross.-Georg. 4I, 6) are feminine, and owe their popularity in the 6 th
cent. and later to Potiphar's daughter (Gen. 4r, 45). There are too many unknowns for us to guess how this Asena 32 立uk $\omega$ úcov : the word is regularly formed, but not elsewhere attested; as a reading it agrees
 tioned several times in personal descriptions, e.g. P. Grenf. ii 51, 9 .
$\epsilon \gamma \dot{\omega} \gamma \dot{\alpha} p \epsilon i \delta o v$ : why is the statement so emphatic? Remedies for leukoma were known in Egypt as elsewhere (Galen xii 737). But it would be rash to infer that Copres had a religious rather than a medi cal cure in mind-his words may be no more than a tribute to the doctors of tity (Alexandria from which he writes.
 among the Marcosiani in the late 2nd cent. was widespread and respectable enough to be recommended by the Council of Nicaea (Dict. arch. chrét. lit. ix 1574 seq.). In the papyri I have found no example before the earlier 4th cent. (P. Nich. vi 378 , $\mathrm{I}, \mathrm{Cf}$. PSI xiii $1342, \mathrm{r}, 116215$ )-the same is true of the $\chi \mu \gamma$ and the labarum ( 1 . then. x, viii 520,15 ). Amen in full seems not to occur at all in 3 rd- and 41 -cent. ceture may be a sign of special zeal. (I owe the reading here to H. C. Youtie.)

This line (the address) is upside down in relation to $32-33$. It is divided after $\dot{\alpha} \delta \epsilon \lambda \phi \hat{\eta}$ by a double row of crosses. At the end, $\bar{\phi} \theta$ intersects at right angles a damaged line of writing running along the shorter edge of the papyrus (35).

35 The traces are too substantial to be accident or offset; the script should be Greek (it is not Latin or Coptic or Aramaic). But I have found no satisfactory reading.
(1) If the papyrus is held with the intersection of 34 and 35 at the reader's left, 35 has the pattern $\dddot{\mathbb{R}} . \mathrm{A}$. (Coles $\cdot(\cdot)]$ after $v$, apparently three letters written one above another ; then two inscrutable signs. At the end, where the ink is quite clear, the first letter resembles nothing but ] $\phi$; the second is a back wards $\epsilon$ (seemingly not a damaged $\theta$ ).
(2) If the papyrus is turned upside down, the end of 35 becomes its beginning and may be read $\epsilon^{\prime}$ OL..(.) (L. Youtie); but what follows looks like nothing Greek.
(3) It may be that half of 35 is upside down in relation to the other, but even on this assumption no reasonable sense emerges. I see no way of deciding whether or not the line belongs to the same text as 1 - 34 .

I Josephus' Activaoc (Ant. xviii 314), if it is the same name, is too early to be relevant.
${ }^{2}$ The resolution $\beta_{0} \boldsymbol{o}^{\prime}$ s seems not in place here, though it is necessary in some inscriptional texts (Dölger, Byz. neugricch. Jahrbücher i (1920), pp. 42 seq.).

2602．Letter from Agathus

$$
12.5 \times 25.8 \mathrm{~cm} .
$$

Earlier fourth century
An illiterate jumble of clichés，in which Agathus commends Theodora to Heraclius． The hand is a practised cursive，written along the fibres：it is rapid and sloping in the body of the letter，and still more in the subscription；in the address it becomes larger，neater，and upright．The completed letter was folded four times vertically， and then once across；folding smudged the wet ink of the subscription．On the verso， the address stands half on either side of the horizontal fold．


$\dot{\alpha} \xi \iota \omega \theta \epsilon i c, \kappa v ́ \rho \iota \epsilon ́ \mu \nu v a ้ \delta \epsilon \lambda\langle\phi \epsilon\rangle, c v \nu-$
$\beta \alpha \lambda a i c \theta a \iota \tau \hat{\eta}{ }^{\alpha} \delta \epsilon \lambda \phi \hat{\eta} \hat{\eta} \dot{\eta}^{\prime} \hat{\omega} \nu$

cat．oîठac $\gamma \dot{a} \rho$ кai cv̀ aủróc，кúpıє



10 cau．oîठa ráp cov тò cmovסaî－
ov• $\mu \hat{\alpha} \lambda \lambda_{0 \nu} \dot{v} \pi \alpha \rho \chi \theta \eta^{\prime} \tau \omega$ $\alpha \hat{v} \tau \hat{\eta}$
$\tau \dot{\alpha} \tau \hat{c} \subset \dot{\alpha} \gamma \alpha \theta \hat{\eta} \operatorname{cov} \pi \rho о є \rho \in ́ \in \epsilon \varepsilon$.

rov̀c кupiouc pov vioùc кai
15 тク้̀ кขрі́aข av่т $\omega$ ข $\mu \eta \tau є ́ \rho \alpha \nu$.
є́ppêc $\theta a i ́ c o \iota ~ \epsilon ข ้ \chi o \mu a \iota ~$
то入入оîc хро́voıс，
кv́pเє́ $\mu$ оv ä $\delta є \lambda \phi \epsilon$

41．$\beta$ a $\lambda \lambda_{\epsilon} \epsilon \theta a \iota$ ．$\dot{\alpha} \delta \epsilon \lambda \phi \hat{n}: \phi$ begun with a dry pen，and then redrawn 5－6，9－10 1．$\dot{\alpha} \xi t \omega c e$

＇To my lord brother Heraclius，Agathus sends greetings．At my request，my lord brother，give our sister Theodora whatever help she may request of you．Indeed，you yourself also，lord brother， know that she is the wife of our brother．So give her whatever help she requests of you．Indeed， from me to my lords（my）sons and to their lady mother．I pray you may have good health for many years，my lord brother．（Address）To my lord brother Heraclius，Agathus．
－4 cvvßa入aic $\theta a t$ ：we expect cvvßaגov．For this natural inconcinnity（＇ellipse＇，＇attraction＇，＇mixed construction＇，＇imperative infinitive＇）compare BGU 276,7 （with $\pi a \rho a \kappa \lambda \eta \theta \epsilon \dot{c}$ ）； ； $\mathrm{SB} 6263,8$ and 7562 ， 12 （with＇ंpwry $\theta$ eic）．The same phenomenon often occurs in hypothetical sentences：Mus．Helv．ii （ 9446 ），pp． 170 seqq．
 to Frank Gignac S．J．）．
©Tovoaiov：a cliché well attested for the second and third centuries（929 3， 10646 12184 ，P．Ryl． 243 6）．It takes on a Christian form in P．Abinn．6， 5 seq．





2603．Christian Letter of Commendation

$$
1 \mathrm{x} \cdot 5 \times 25 \mathrm{~cm} .
$$

Fourth century
This letter was published（with plate）by J．H．Harrop in JEA xlviii（1962）， pp．$x^{22-40}$ ，and is reprinted here for completeness＇sake．

## PRIVATE LETTERS

$\tau \hat{\omega} \iota \kappa v \rho i \varphi \mu \nu \sigma[\hat{a}] \delta \epsilon \lambda \phi \hat{\omega} \iota \quad C[\ldots ..] \nu \tau$
Пav̂גос $\epsilon \hat{\cup}[\pi \rho \alpha \dot{\alpha}] \tau \tau \in \nu$





av̇тòc $\gamma \dot{a} \rho \delta \iota^{\prime}$ ' є́avtô $\mu a ́ \rho \tau v c ~ \gamma \epsilon ́ \gamma o v \epsilon \nu ~ к \alpha i ̀ ~ \lambda \epsilon ́-~$






छ$\alpha \nu \tau о c \cdot ~ \tau o ̀ ~ a v ̉ \tau o ̀ ~ \delta \epsilon ́ ~ \epsilon ́ c \tau \tau \nu ~ к \alpha i ̀ ~ \pi \tau \rho o ̀ c ~ c e ́, ~$



$\pi \epsilon \rho i \quad \delta \in ̀ ~ \tau \hat{\omega} \nu \dot{\eta} \mu \epsilon \tau \epsilon \in \rho \omega \nu \gamma \nu \omega \rho i ́ \mu \omega \nu$
$\tau \hat{\nu}$ col $\tau \alpha ̀ ~ \gamma \rho a ́ \mu \mu а \tau \alpha ~ к а \tau \alpha ф є \rho о ́ v \tau \omega \nu ~$





$\dot{\alpha}[\lambda] \lambda \grave{\alpha} \tau \hat{\omega} \nu \pi \epsilon \rho i '$ 'Ïcíwvoc каi $N \iota \kappa о \lambda$ ọ́ov

$\eta c a c$. $\pi \alpha ́ \nu \tau \epsilon c$ oi $\mathfrak{\epsilon} \nu \theta a ́ \delta \epsilon \in \mathfrak{a} \delta \in \lambda \phi o i ̀ \pi \rho[$ oc-
ауорєv́ovcıข ข́ $\mu \hat{a} c$. ảcпта́cal кạ̣[i] тov̀c cùy
coì $\pi \alpha ́ \nu \tau \alpha c ~ \alpha ’ \delta \epsilon \lambda \phi o v ̀ c ~ \epsilon ’ \kappa \lambda \epsilon ́ \kappa \tau о v[c] ~ \tau \epsilon ~ \kappa \alpha i ~[\kappa \alpha-~$


Down the left-hand margin, in brown ink, ? different hand:
 35 ӧ $\pi \omega \subset \pi \rho \circ \subset \delta \epsilon \epsilon \xi \omega \nu \tau \alpha$

ката̀ то́то
Verso Address, along the fibres, same hand and ink as 11. 34-34:
[ ] $\omega \omega r[\iota]$

I There is a distinct tail of a letter below the line, 3 mm . to the right of $C$. The final letters $\nu$ are moderately large 7 ouc and . To struck out with one stroke ing $\tau$ in cara is altered from $c \quad I 3$ aүvoaiü, Pap. $\quad 17-\mathbf{I} 81$. кare $\hat{i} \delta e c \quad 22$ cot is crossed out, and there are undecipherable traces of ink above $\quad 28 \tau$ of $\tau \iota$ altered from $a$.
'To my lord brother S[erapio]n Paul (wishes) well-doing. A man who has acquired a mirror, or holds in his hand something else of that sort, in which faces are seen represented, has no need of holds in his hand something else of that sort, in which faces are seen represented, has no need of
one to tell him, or testify about the character that lies upon him, and his complexion, and his appearance, how it is. For he himself has become a witness by himself, and can speak about his own likeness. And when someone speaks to him, or explains about the beauty and comeliness about him, he does not then believe. For he is not like the rest who are in ignorance, and standing far from the mirror that displays the likeness of all. And it is the same with you my good friend. For as through a mirror you have seen my implanted affection and love for you ever fresh. Now concerning th acquain as I of your friendship and affection to all, especially towards our brethren. Receive them therefore in love, as friends, for they are not catechumens but belong to the company of Ision and Nikolaos, and 'if you do anything for them, you have done it for me'. All the brethren here salute you. Greet also the brethren with you, both elect and catechumens. I pray you may be strong. And if you can write to the others about (them) don't hesitate, that they may receive them in each place.'


## MINOR LITERARY TEXTS

2604. $24 \times 30 \mathrm{~cm}$. On the recto, a document, almost wholly effaced; the few remaining traces are of writing in a practised upright official hand of the third century A.D., written with a very fine pen; at the bottom, some lines in thicker writing; the month name $M \epsilon \chi \epsilon i \rho$ in three of these in succession is almost all that can be made out on this side. It is probably the same scribe who has written on the verso (again with a fine pen) a hexameter line three times; the first in cramped, tall upright letters of 'chancery' type; the second time in similar writing, but a little larger; and finally in large uncial letters, decorated with serifs; the $\Theta$ is of an archaic shape, with a centra dot instead of a cross-bar. The line might be thought a genuine citation were it not for the fact that it contains every letter of the alphabet; we are therefore probably justified in concluding that it is fictitious, a pseudo-epic line used here as a writing exercise, and somewhat analogous to the pronounceable combinations of letters, embodying some real words, cited and fancifully discussed in Clem. Alex. Strom. v 8 §§ 46-49 (pp. 357-60 Staehlin): $\beta \in \delta v \zeta \alpha \psi \chi \theta \omega \omega \mu \lambda \lambda \kappa \tau \rho \circ \nu \subset \phi \iota \gamma \xi ; \kappa \nu \alpha \xi \zeta \beta\llcorner\chi \theta v \pi \tau \eta \subset \phi \lambda \epsilon \gamma \mu \circ-$ $\delta \rho \omega \psi ; \mu \alpha \rho \pi \tau \epsilon \subset \phi \iota \gamma \xi \kappa \lambda \omega \psi \xi \beta v \chi \theta \eta \delta o v$; see Lobeck, Aglaoph., pp. I33I seq. ; Bentley, Epist. ad Millium (ed. Goold, Toronto 196z), pp. [87] seqq.; the two former are cited in a scholar's exercise of the first century, Wessely Stud. Pal. i 2 (rgoz), p. xlv; see also Beudel, Qua ratione Graeci liberos docuerint, p. 14; Ziebarth Aus d. ant. Schule (Kl. Texte 65, Bonn, 19I3) no. 6 (p. 5). These, however, contain the letters of the alphabet each once only; a closer parallel to our line will have been the fragmentary 1. I6 of dai Papiri della Soc. ital. ( x 965 ) (Omaggio al xi congresso di pap.) No. 3 (Ist cent B.c.) ; cf. the familiar English example 'The quick brown fox jumps over the lazy dog'. (Read with Mr. A. Schachter.)

 ITYPOC KEXYTO $5[\Phi \Lambda O \Xi$

गे $\psi$ : for the use, cf. Hdt. viii, 52 ; Aeschyl. Ag. 295.
 $\kappa \in ́ \chi$ ито $\phi \lambda$ @́g.
$2605.8 .2 \times 6.5 \mathrm{~cm}$. Third century. A note mentioning Iliad, Book II, with a date Written in a mature and practised cursive hand along the fibres in the top left-hand corner of a small rectangle of papyrus. Evidently a memorandum rather than a cíd $\lambda v \beta o c$ (such as 301, 1091, 2396, and 2433).
2606. $\mathrm{I} \cdot 8 \times 12 \cdot 3 \mathrm{~cm}$. First to second century. A narrow vertical strip, found rolled from top to bottom. The hand is upright and rather informal, with frequent ligatures. The first line, followed by a space of rather more one line, suggests a heading Hिóc $\tau$ ]ov̀ Coфuc[ $\tau \dot{c} c$. If the fragment is thought to be part of a single work so entitled, more than one might be suggested. The fragments of the treatise of this name by Metrodorus (ed. Koerte, Jahrb. f. kl. Phil., Suppl. xvii (1890), pp. 529-97) do not encourage us to any conclusion. Another and perhaps more likely possibility is Philodemus, who wrote a work whose title began $\Pi \rho o \mathrm{c}$ rov̀ [; Vogliano conjectured [Coфıcтác; see Philippson, RE xix 2465 seqq. The blank lines ro and ${ }_{17}$, however, might be thought to indicate that we have here not a single work but a subjectanthology of prose citations. (Read with Mr. R. A. Coles and Mr. W. Campbell.)




8 After $\pi: \circ$ or $\varepsilon$ ? 9 Last letter: $a$ or $\delta$ ? I2 Last letter: $\delta$, or possibly $a$ or $\chi \quad$ I3 Last tter illegible, corrected? Trater 14 After $\delta: 0$ ? Then $\theta$ or c? 15 First letter: $\omega$ ? I6 $\epsilon \iota$ corrected to ov, and cc added after it, above
s.v.

5 rapax $\boldsymbol{\nu}$ : frequent in Philodemus, as Lloyd-Jones observes; see Vooys, Lexicon Philodemeum I4 ג]ọyocc, or a compound?

I5 $\delta \dot{\alpha} \dot{\theta} \epsilon$ cuc is frequent in Philodemus (Ll.-J.).
2607. $5.9 \times 8 \mathrm{~cm}$. Part of one column from an oneirocriticon, written in a firm, careful sloping book hand of the third century; the verso is blank. To judge from the one section preserved (11. 5-8), the dreams, with interpretations, are set out briefly and divided by paragraphi. We may compare the extant Egyptian examples in Hieratic (P. Chester Beatty III: Gardiner, Hieratic Papyri in the British Museum ${ }_{3 r d}$ Series (London, 1935), pp. 9-23) and Demotic (Volten, Demotische Traumdeutung, Analecta Aegyptiaca iii (Copenhagen, 1942)) rather than the more discursive treatment to be seen in Artemidorus Daldianus. The dream described here is not paralleled in the Egyptian books; but with $\pi \rho o c o v \rho \hat{\eta}$ in 1.5 compare the use of the word in Artemidorus iv 44, where several dreams about urination are mentioned; see also Achmes, Oneirocr. (ed. Drexl, r925), pp. 29 seq., 62. (Read with Mr. A. Schachter.)

 12 ......

A few traces on fibres projecting below.
4 After §ove: $\pi$ or $\tau \epsilon \quad$ Io After one letter lost: $\nu$ ? Next: o or $\rho$ ? Next: $y$ or $\pi$ ? II Last etter : trace, high, joining r

C 2244
2608. Fr. (a) $5: 3 \times \mathrm{I}_{3} \mathrm{~cm}$. Third to fourth century. Several fragments of very coarse papyrus, all but one joining, written across the fibres in a small, thick, semicursive hand. One column from a shorthand manual ; tachygraphic signs followed by their resolutions, evidently from the Syllabary or primary part of the book. The order of the items, however, is not that of any extant Syllabary, and although some of the signs are similar to signs to be found in Milne, Greek Shorthand Manuals, there are no exact parallels. The differentiation between ot-sounds and $a \iota$-sounds, however, is maintained, the former having bars pointing to the right, and the latter to the left The unattached fragment (b) bears traces of five lines, 1. x reading $] \mu \eta \delta[$; the rest illegible. (We owe the work upon this text to Mr. R. A. Coles.)

Fr. (a) : illegible traces of eight lines; then :

 Tov.[ ${ }^{24} / W$ rovt $\left[{ }^{25}\right.$ тove[

II The sign is not unlike that for ovt $\omega$, no. 209 in the Commentary in Milne, op. cit., but ovt $\omega$ is a more likely reading here,
I5 seq. The signs are similar to that for ovocic in Milne 407, though they differ in having stroke $I_{7}$ seq. The signs for avv, ow are not identical with those for the same combinations in Milne 144 seq., but are similar. Cf. also those for aup av, o ou av, Milne 286 seq. With the sign for ouv, cf. those for ${ }^{\circ} \mu \mu[\epsilon \nu]$, ou $\mu \in \theta[a$ in the Syllabary fragment P. Ant. x, fr. 8 verso (Milne, p. X5).

23 seqq. For a word beginning rov in the Syllabary, cf. P. Ant. I fr. x3 verso (Milne, p. 16)

## MINOR DOCUMENTS

2609. $7.5 \times 8.5 \mathrm{~cm}$. Fourth century. This short letter (little appears to have been lost at the end), which employs a Christian formula of address, informs a recent visitor of the illness of the writer's son, from which he has recovered, and expresses solicitude about the visitor's own health. The writing, which is upright, rounded, and plain, is across the fibres; the verso is blank.





I After $\omega$, trace of bottom of upright, a little below the level of the bottom of the preceding letter but not necessarily a tailed letter; it might be $v$ s $3 \mathrm{~K} \mathrm{\omega}$; atter this, a sign, almost effaced, which
 normally formed, with first down stroke sloping and a ligature above with the preceding $\varphi ; \delta$ of normal shape, following $\eta$ mostly effaced; afer lacuna one the to the right of the last line. Then possibly s. Margin : 1. ко́ $\mu с а и$; сак'коу

I Mnßpicur? No such name is otherwise known; the nearest we have found to it is M $M \hat{\eta}$ 1429, Io (6th cent.).
${ }_{6}{ }^{\circ}$ Ater $E$ evoc : not the most likely name for a Christian, unless the choice of it was influenced by the name of Constantine's Empress.

6 seq. $\nu \in \nu \omega \dot{\theta} \theta \rho a \nu \tau \epsilon$ : $\nu \omega \theta$ paivecv is otherwise unexampled; but cf. $\nu \omega \theta \rho \in v^{\prime} \epsilon \nu$ (P. Giss. I7, 6; BGU 449, 4; P. Lond. I44, 3) ; v由日िєย́єcӨal (PSI 717, 5; P. Tebt. 42I, 5; 422, 5; P. Mich. 477, 36; 479, 7; P. Mert.
 expresses anxiety for the health of the departed guest in similar terms, but in that case it is because the guest was unwell when he left.

9 éraýraco: of recovery from sickness, used absolutely, as in 12996 (4th cent.).
${ }_{12}$ Probably some part of $\dot{\alpha} c \pi a \dot{\zeta}\langle\mathrm{c}$ c $\theta a t$.
2610. $10{ }^{\circ} 7 \times 13 \mathrm{~cm}$. A fragment from the left side of a column written in a sloping cursive hand of the late third century. It contains a text similar to $2475-7$ and BGU ${ }^{1074} 4$ (also from Oxyrhynchus) and reproduces in 11. 2-8 the letter of Severus in 2476 $7-$ II and BGU ro74, 5-7, that of Severus and Caracalla in BGU ro74, 7-8 only, and that of Alexander in 2476 Ix-12 ; BGU $1074,8-9$, supplementing the text of each a little where both of their much more extensive copies are defective. The rest of the text contained copies of correspondence like that in the later parts of the texts mentioned above, from which this has been restored; serious lacunae in these duplicate texts are here indicated by half-square brackets. The nature of this text was recognized by Mr. E. L. Hussey, to whom much of the work on it is due; we are also indebted to Mr. Rea for help.

















 Examination of the former passage confirms the reading ava| $\mid$ «ıl $\xi$.

5 seq. A verb probably followed another $\mu \eta \tau \epsilon$ here as $v<\tau \epsilon \rho \epsilon \mathfrak{i v}$ does the first.
6 Our conclusion about the spacing of the line is based on the length of the line in BGU Io74.
$8 \pi \circ \lambda \lambda \dot{\alpha ́ \kappa \iota c ~ a ̀ r ~} \pi \epsilon \phi \eta \nu \dot{\alpha} \mu \eta \nu$ : Rea observes that this should be restored in 2476 I2.
9 äpxoval 〈кai> ßou入र्n?
I3 фìdтaг[ol: cf. (e.g.) BGU 1073, 20.

 evidently was here.
2611. II $\times 19 \mathrm{~cm}$. A.D. $192 / 3$. This document is unbroken only on the left side, though the last surviving line was probably at or near its end. Its width must, to judge from the imperial titles, have been originally about twice as great as now appears, that is, there are about 30 letters missing at the ends of the best preserved lines. It recounts episodes in the career of a successful athlete or Dionysiac artist

 that it was submitted through an intermediary to some official or official group, and the repeated first person plural suggests a letter from some body in support of the athlete's application. For this last, the two most likely bodies are the iefpd cúvoooc and the senate of a metropolis. But more than one document may be recited inside this
one (cf. 20 n . and such diplai as 2476, P. Lond. 1774 ). The chief interest of the text is palaeographical because it is securely dated to A.D. $192 / 3$ and written in carefully formed capitals rather taller than they are broad. Though not itself a book hand it may be useful in helping to date book hands. Plate X.














3 coudícuv suggests the athlete rather than the Dionysiac artist.
6. [: this trace suggests $q$ rather than $\eta$, but an $a$ of a form not found in the rest of the fragment. if not, 17 erthans $-[i t]$ ci in the same sense.
${ }_{20}$ The space and the large $O$ may indicate more than the end of a sentence. Possibly another document begins to be recited here.

 a later date for this document is possible because of the delay in communication between Rome and Egypt. The celebrations for the accession of Pertinax took place unexpectedly late in Egypt (W. Chrest. 490).

28 eìruxoôc omitted at this point in PSI ro36.
2612. Fr. 2: $22 \times 16.5 \mathrm{~cm}$. Between 285 and 290. Two fragments of a report of proceedings before the prefect (Valerius) Pompeianus (for whose dates see Vandersleyen, Chronologie des prefets $d^{\prime}$ Egypte de 284 à 395 , pp. 42 seq.), written in an upright official hand on papyrus of good quality. The subject of the debate, the question of finding candidates for the eutheniarchy (for this office see Jouguet, La Vie municipale, pp. 324 seqq.; Oertel, Die Liturgie, pp. 339 seqq.) is already familiar from two other Oxyrhynchus texts: one, 1252 , is evidently contemporary with this, and contains copies of official correspondence, including a letter from the prefect Pompeianus and (on the other side) a petition from the prytanis to an unspecified prefect (in view of the present text probably the same) complaining of the difficulty he is experiencing in.
filling the post of eutheniarch. That the problem was no new one is seen from the other, P. Erlangen 18, dated 248, in which the prytanis addresses a meeting of the Bounj on the same subject. 2612 contributes little additional information beyond
 riac, which was taken by Schubart (see his n., Erl. Pap., p. 28) to imply some measure of compulsion; it would appear from 11. 3 seq. here to mean something more like 'assistance'. In the Erlangen text there is a suggestion of help of some kind from the prytanis also ; so apparently here, but what form this will have taken is unfortunately lost to us by the mutilation of the text in 1.5 ; we only learn from the candidate himself that a loan is what he does not require. His name is not given; the Dioscorus addressed by the Prefect in fr. 1,7 seq. ; fr. 2, $x 2$ is presumably another speaker.

On the verso, six lines of sums in talents and denarii, each preceded by a date with a total below. (Read with Mr. R. A. Coles).

Fr. i: from the left side of a column ; beginning and end lost:



Fr. 2:















This ends the column.
2613. $4.6 \times 6 . \mathrm{Icm}$. Second century. A question addressed to the oracle of HeliosSarapis by a lady concerning her prospect of marriage. For other questions about marriage, cf. 1213 and Wilcken, Chr. 122; note also 1477 I9. For such documents in general see Schubart, ZÄS lxvii (1931), pp. nro seqq.; and for Demotic examples,
W. Erichsen, Demotische Orakelfragen (Det Kgl. Danske Videnskabernes Selskab, IIist.-
fil. Meddelelser xxviii 3 , Copenhagen, 1942). Written in a clear upright hand along the fibres; the verso is blank. (Read with Mr. R. A. Coles.)
 7 дóc $\mu$ о九 то仑̂ $[\tau]$.

I Above the beginning of the line is an unexplained mark 3 l. oférau

5. For the grammatical anacoluthon, cf. 1149; 1213 ; P. Berl. I3300 (Schubart, Einfuihrung,


2614-2615. $6.5 \times 4.5 \mathrm{~cm}$. and $6.9 \times 6.6 \mathrm{~cm}$. respectively. Third century. Each is an order from Didymus, a garland maker, to an employee. (Read with Mr. R. A. Coles and Mr. W. Campbell.)

2614, in a crude hand with letters of literary type, is on the verso of a small piece





2615, which is cursively written, is on the verso of another account, concerning water transport ; after a column of which traces of the end of one line only remain, the

 (Kє $\rho \kappa \hat{\eta} \subset c$ is known as the name of a village in the Arsinoite nome.) Verso text:


3 Bpodnpá: add lex.; for the formation, see Buck and Petersen, A Reverse Index of Greek Nouns and Adjectives, pp. 312 seqq.

5 Superlineation of a numeral?
2616. $7.5 \times 9 \mathrm{~cm}$. Third century. A note from Claudianus instructing a subordinate to hand over 500 empty jars for which he has already received the indent. It is written across the fibres, on the verso of part of a document, mostly illegible and of uncertain content, dated in the reign of the two Philips (A.D. 244-9) ; the year figure is probably $a$. (Read with Mr. R. A. Coles and Mr. W. Campbell.)

 ката́сдпс. ${ }^{9}$ ё $\rho \omega<$ со.


## INDEXES

The figures $\mathbf{2 5}$ are to be supplied before 32－99，the figures 26 before 00－16．Figures in small aised type refer to fragments，smal roman numerals to coumns．An asterisk indicates that the word to which it is attached is not recorded in the ninth edition of Liddell and Scott，Greek－ English Lexicon．Square brackets indicate that a woord is wholly or partly supplied from other sources or by conjecture．A word completely restored in this way is not indexed if it supplements a literary text．If it swpplements a document it may be indexed．

## I．NEW LITERARY TEXTS

（a）Poetic Texts（2532－36，2604－05）

|  | ả $\eta \delta \omega \dot{\omega} 36$ i 30. <br>  <br> A Anvaioc 35 i 8，9，［17］． <br> airía 35 i I3． <br>  <br> ӓкирос 36 і 28. <br> à $\lambda \lambda \alpha ́ 33$ ェ 36 i 16, I7，26， ii 37. <br> ${ }_{a}^{a} \lambda \lambda$ дос 323,3 ． <br> äpa 36 i 27 ． <br> d่ $\mu$ avpoûv 36 i 4 ． <br>  <br> ávסptác［ 35 i 5］． <br> a่ขทŋ㇒ 36 i 18. <br> à $\pi$ ó 35 i 1336 i $4, ~ 14,25$. <br> aंтоктєiveढ［ 35 i I8］． <br> aं $\pi \circ \lambda_{\imath} \theta_{0} \hat{v} \nu 36$ i．3，II． <br> àmo $\lambda \lambda$ úvaz 36 i 9. <br> $\dot{\alpha} \pi \tau \in \iota \nu 04[\mathrm{~T}], 2,3$. <br> а́ротос 335 ． <br> Артєніठ $\omega \rho о с 36$ ii 39. <br> aข̉入 $\eta \tau \iota \kappa \eta$ ク 36 i 22. <br> aủdóc 38 i 23， 30. <br> av̉тóputoc $\left[\begin{array}{llll}36 & \mathrm{i} & 15\end{array}\right]$ ． <br> av̉róc 33634 I7 36 i 2， 6 ． <br> aúvóc 346 ． |
| :---: | :---: |
|  | $\beta c a ́ \zeta \epsilon c \theta a s 36$ i 5. <br> Boúdectau［36 ii 37］． <br> Bpax［ 349. <br> $\beta \omega \mu$ о́с 36 і 7 04 ［I］，2， 3. |
|  | $\gamma \alpha \alpha_{\rho} 36$ i 2,5, 15，ii 36 ． <br> $\gamma \in 36$ ii 3504 ［工］， 2,3 ． <br> Yévuc 36 i［2I］， 24. <br> $\gamma$ 亿 36 i 13 ． <br> $\gamma \eta \gamma \epsilon \varphi \eta_{c} 36$ i 13 ． <br> rírac［36 i I4］． |


|  <br> rứcooc 335. <br> róoc 36 i 25 ． <br> Гopyúv 36 i［II］，［I2］， 20. <br> रра́фév 35 i x．o． | єúpickeเข 36 i 21. <br> Ev̉ <br> єข่าvxєิิ้ 36 ii 37 ． <br> $\epsilon \dot{v} \omega \chi \in \hat{\nu}\left[\begin{array}{lll}36 & \mathrm{i} & 2\end{array}\right]$ ． <br> ${ }^{\text {É }} \omega \mathrm{Cc} 36$ i 2 I ． |
| :---: | :---: |
| $\triangle$ aván 36 i $5, ~[12], ~ 工 6 . ~$ |  |
| ס¢́ $336,734535 \mathrm{i} 1836$ i 7， | Zev́c 36 i 15. |
| 12，25，29，ii 3504 I，2， 3. $\delta \in \delta$ tévat 33 ［3］． | $\zeta \eta[\tau-3412$ ？ |
| $\delta$ ¢́noveev 332. | $\eta{ }^{\prime \prime} 36$ i 4. |
| Suavícecetau［36 i 27$]$ ］． | グクouv 36 i 1 \％． |
|  | ＂Hфаистос 33 I． |
| $\delta \rho \hat{\mu} \mu \mathrm{a} 345$. |  |
| 8vo 33 Ir． | өajá 36 i $2 \%$. <br> $\theta \in$ óc 36 i í 4,2104 ［1］，2， 3. |
| Ė่ $\gamma \gamma v a ̂ \nu[334]$ ． | $\bigcirc^{(1 \epsilon} \epsilon \nu 36$ ii 39 ． |
| ＇̇үढ́ 324. | $\theta \epsilon \omega \mathrm{peiv} 36$ í ro． |
|  | өvyátno 334. |
| tival 33 ［I］，［I］ 36 i 12 ，ii 36. tic 36 i 25 ． | ＇İ九ác 05 ェ． |
|  | tiva $36 \mathrm{i}_{4} 4$. |
| ＇́ $\mu$ avrô̂ 334. | ictáva，［ 36 i 25 ］． |
| Ėv $36 \mathrm{i}, 13,29$. |  |
|  | cail 34 I3 $36 \mathrm{i} 3,4,9$ ，ix．ii 38. |
|  | каиро́c 339. |
|  | кал入íxорос 36 i 28. |
| ėmel 36 i $16,17$. | ＊караторía 36 i 9. |
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|  |  |
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|  |  |
| ¢́raîpoc 322. | крои́єข 325. |
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| єv̈rrvooc 36 i 30 ． | $\lambda i \theta_{\mathrm{oc}} 324$. |
| $\text { Evpoci } \delta \eta \eta c \text { [ } 36 \text { i } 29] \text {. }$ | 入oŕr 38 |

$\lambda_{\text {vypóc }} 36$ i r
ไขนคิ̂̀ $[35 \mathrm{i} \mathrm{ro]}$ ．
$\mu \dot{\alpha} 33$ I．
$\mu є ү а \lambda о \kappa \lambda \alpha ́ \gamma к т \eta \subset 36$ i 2 I
Mé入ac $\left[\begin{array}{lll}36 & \text { i } & 30\end{array}\right]$
${ }_{\mu \in ́ v}^{\mu} 33 \mathrm{~K}, 636$ i
нevakaivew 35 i 15 ．
$\mu \dot{\eta} \tau \eta \rho$［34 I］．
$\mu ц \epsilon \epsilon i c \theta a \iota$［36 i 22 ］．
$\mu \nu \nu 6$ i 26 ．
$\mu$ оípa 36 ii 37.
$\mu$ оьpiठtov 36 ii 36 ．

vaíè 36 i 28
єरिpov 325.
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## VI. PERSONAL NAMES

(br. $=$ brother; d. $=$ daughter $; \mathrm{f}_{.}=$father $;$gd. $. \mathrm{f} .=$ grandfather $; \mathrm{h} .=$ husband $; \mathrm{m} .=$ mother; $\mathrm{s} .=$ son; w . $=$ wife)

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[^1]:    41．єंखónยvoc 6 What might appear to be $\eta$ written over єy is probably cancellation in the
    

[^2]:    
    
    

[^3]:    Note．This index omits words in the special indexe

